

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078036.D
 Acq On : 21 Dec 2023 19:49
 Operator : RP/MD
 Sample : 05796-06MSD
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-04-13-14MSD

Quant Time: Dec 22 05:34:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	121201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79672	55.786	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.580%			
35) Dibromofluoromethane	7.811	113	86783	58.416	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.840%			
50) Toluene-d8	10.269	98	332206	55.833	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.660%			
62) 4-Bromofluorobenzene	12.575	95	102440	57.586	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	59578	39.351	ug/l	98
3) Chloromethane	2.152	50	101494	49.181	ug/l	97
4) Vinyl Chloride	2.287	62	146396	52.255	ug/l	99
5) Bromomethane	2.693	94	121186	77.089	ug/l	98
6) Chloroethane	2.840	64	110326	57.762	ug/l	98
7) Trichlorofluoromethane	3.181	101	124545	48.269	ug/l	99
8) Diethyl Ether	3.593	74	38673	53.376	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	74713	50.615	ug/l	97
10) Methyl Iodide	4.170	142	89138	66.352	ug/l	91
11) Tert butyl alcohol	5.040	59	17608	256.306	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	74110	50.869	ug/l	85
13) Acrolein	3.799	56	24601	162.840	ug/l	100
14) Allyl chloride	4.564	41	92085	45.957	ug/l	89
15) Acrylonitrile	5.258	53	85159	274.517	ug/l	98
16) Acetone	4.023	43	75723	244.657	ug/l	90
17) Carbon Disulfide	4.275	76	205406	41.674	ug/l	99
18) Methyl Acetate	4.564	43	69918	62.162	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	176948	57.246	ug/l	98
20) Methylene Chloride	4.805	84	101188	60.880	ug/l #	86
21) trans-1,2-Dichloroethene	5.317	96	89801	54.420	ug/l	86
22) Diisopropyl ether	6.217	45	224610	53.642	ug/l	91
23) Vinyl Acetate	6.158	43	506982m	247.940	ug/l	
24) 1,1-Dichloroethane	6.117	63	158034	55.733	ug/l	97
25) 2-Butanone	7.081	43	100098	255.290	ug/l	87
26) 2,2-Dichloropropane	7.081	77	130833	54.954	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	105313	59.311	ug/l	92
28) Bromochloromethane	7.422	49	61857	53.986	ug/l	85
29) Tetrahydrofuran	7.446	42	56160	246.939	ug/l	93
30) Chloroform	7.599	83	165998	58.493	ug/l	97
31) Cyclohexane	7.881	56	107667	42.384	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	137163	54.826	ug/l	99
36) 1,1-Dichloropropene	8.011	75	118054	49.680	ug/l	96
37) Ethyl Acetate	7.164	43	41641	44.941	ug/l #	94
38) Carbon Tetrachloride	7.993	117	121688	51.366	ug/l	97
39) Methylcyclohexane	9.275	83	129683	46.034	ug/l	96
40) Benzene	8.252	78	366335	54.316	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23266	49.403	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	95967	54.893	ug/l	94
43) Isopropyl Acetate	8.363	43	82619	50.160	ug/l	92
44) Trichloroethene	9.028	130	96518	54.915	ug/l	100
45) 1,2-Dichloropropane	9.305	63	90052	54.925	ug/l	100
46) Dibromomethane	9.393	93	49464	57.018	ug/l	96
47) Bromodichloromethane	9.587	83	127884	58.160	ug/l	94
48) Methyl methacrylate	9.381	41	47117	50.323	ug/l	82
49) 1,4-Dioxane	9.387	88	8295	962.954	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	215384	256.221	ug/l	93
52) Toluene	10.334	92	234927	56.154	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	117438	55.617	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	143691	56.285	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	70632	59.524	ug/l	95
56) Ethyl methacrylate	10.599	69	57437	54.909	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	118575	57.971	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	133704	224.135	ug/l	96
59) 2-Hexanone	10.922	43	153144	219.588	ug/l	92
60) Dibromochloromethane	11.075	129	87839	61.483	ug/l	100
61) 1,2-Dibromoethane	11.181	107	66552	59.581	ug/l	99
64) Tetrachloroethene	10.810	164	77127	52.888	ug/l	95
65) Chlorobenzene	11.610	112	253116	54.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	95865	58.103	ug/l	98
67) Ethyl Benzene	11.687	91	453973	54.957	ug/l	98
68) m/p-Xylenes	11.793	106	361220	114.322	ug/l	94
69) o-Xylene	12.122	106	166374	57.134	ug/l	93
70) Styrene	12.134	104	255917	59.103	ug/l	96
71) Bromoform	12.299	173	50172	58.198	ug/l #	99
73) Isopropylbenzene	12.422	105	440531	52.665	ug/l	96
74) N-amyl acetate	12.234	43	72545	44.120	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	80765	55.375	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	51614m	53.847	ug/l	
77) Bromobenzene	12.699	156	103327	52.517	ug/l	92
78) n-propylbenzene	12.763	91	539982	52.977	ug/l	96
79) 2-Chlorotoluene	12.851	91	286533	52.456	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	369349	52.942	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	24875	52.579	ug/l	97
82) 4-Chlorotoluene	12.946	91	306937	53.749	ug/l	96
83) tert-Butylbenzene	13.169	119	321101	54.518	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	384565	55.112	ug/l	96
85) sec-Butylbenzene	13.346	105	460974	52.949	ug/l	97
86) p-Isopropyltoluene	13.457	119	416088	53.381	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	218887	54.402	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	213073	53.157	ug/l	97
89) n-Butylbenzene	13.787	91	381441	52.006	ug/l	99
90) Hexachloroethane	14.051	117	81936	57.158	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	187240	54.718	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11370	53.892	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	114858	49.140	ug/l	99
94) Hexachlorobutadiene	15.204	225	59947	47.562	ug/l	99
95) Naphthalene	15.328	128	211942	54.575	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	99657	51.718	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

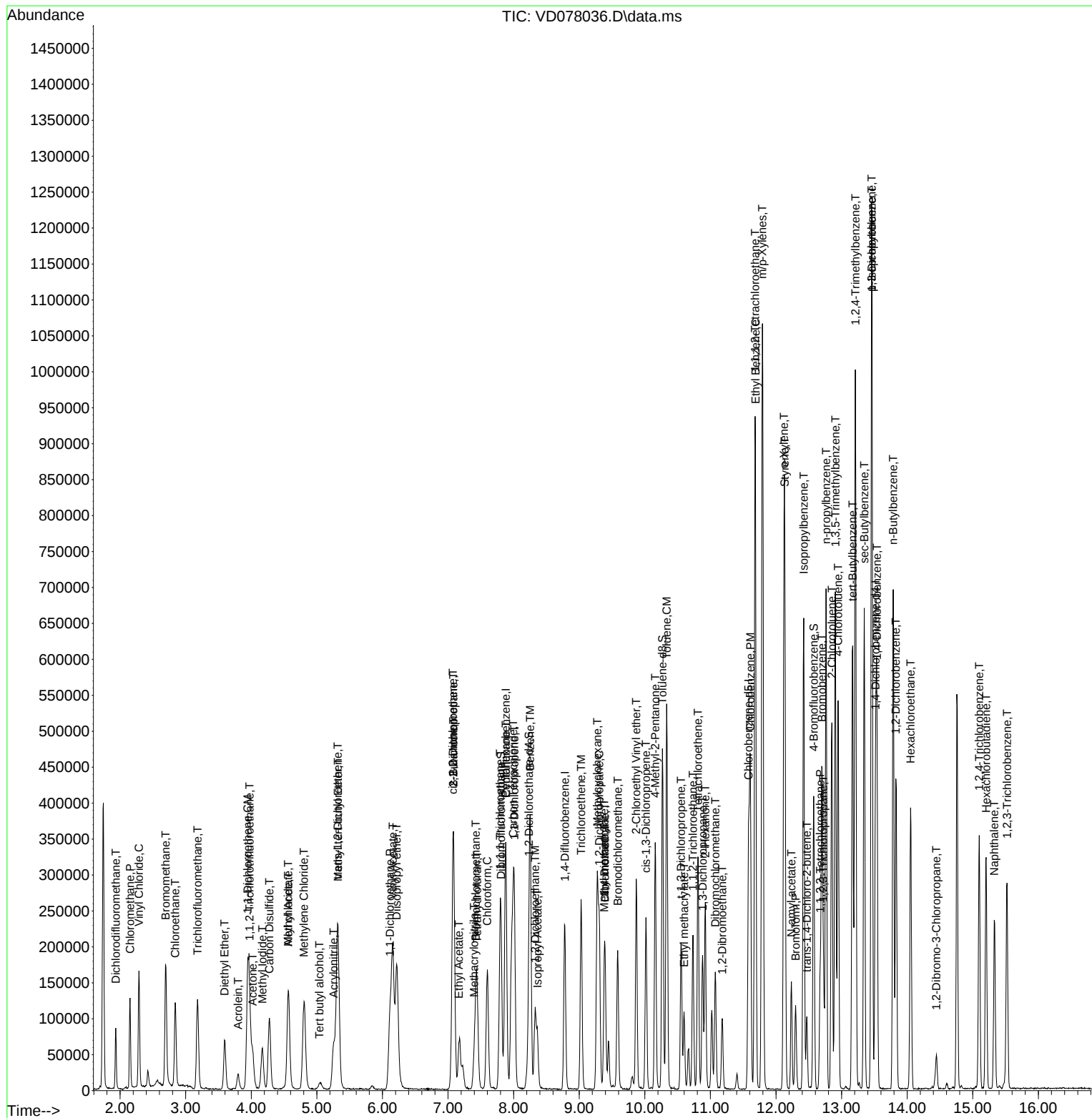
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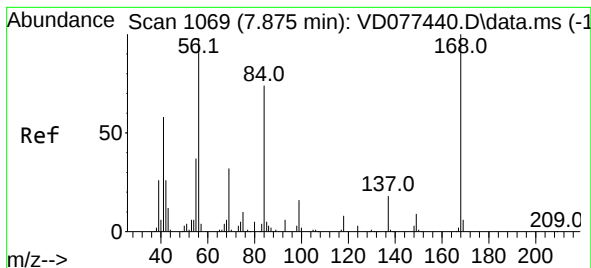
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD078036.D

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Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-13-14MSD

Tgt Ion:168 Resp: 12120

Ion Ratio Lower Upper

168 100

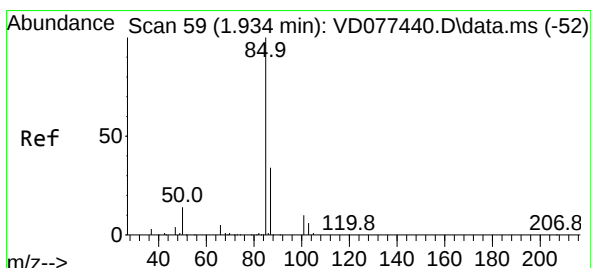
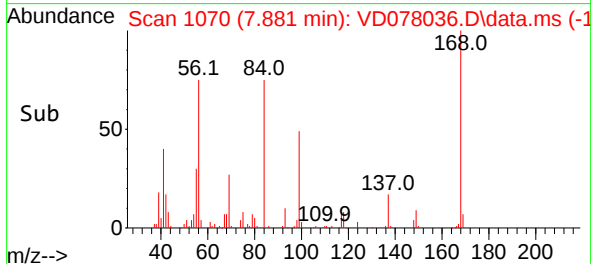
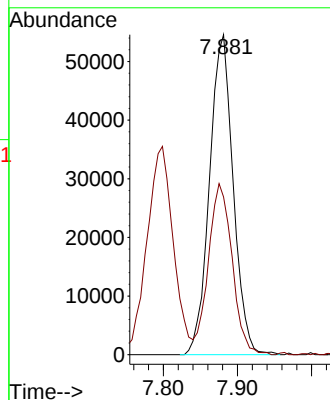
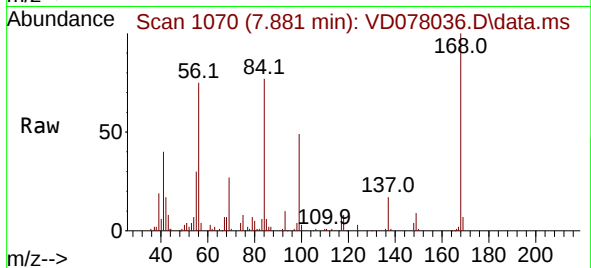
99 48.8 36.7 55.1

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/22/2023



#2

Dichlorodifluoromethane

Concen: 39.351 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078036.D

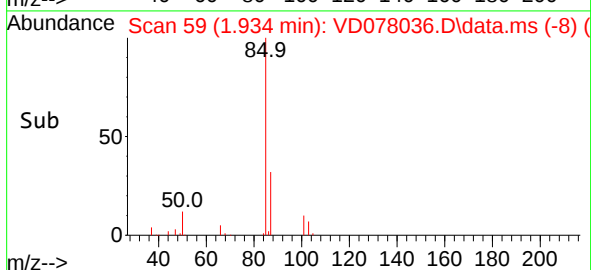
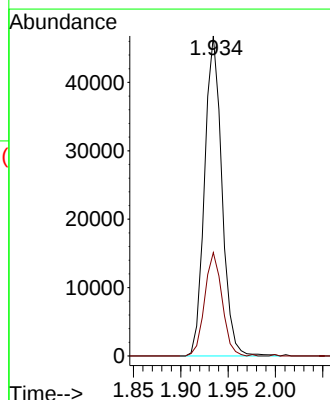
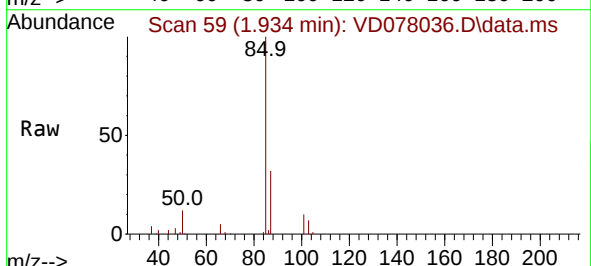
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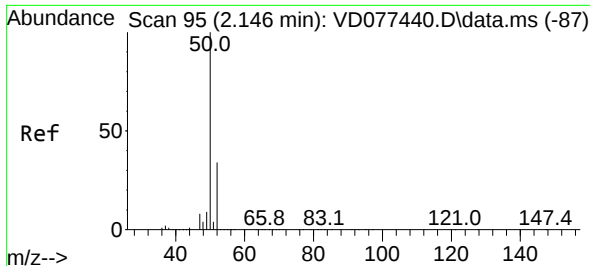
Tgt Ion: 85 Resp: 59578

Ion Ratio Lower Upper

85 100

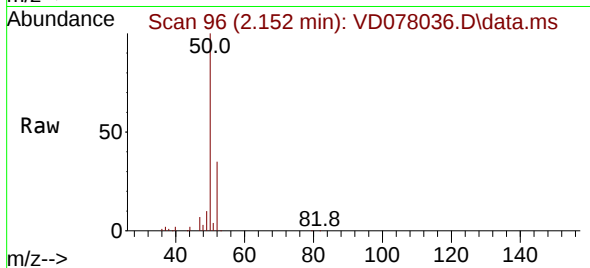
87 32.3 15.7 47.0





#3
Chloromethane
Concen: 49.181 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

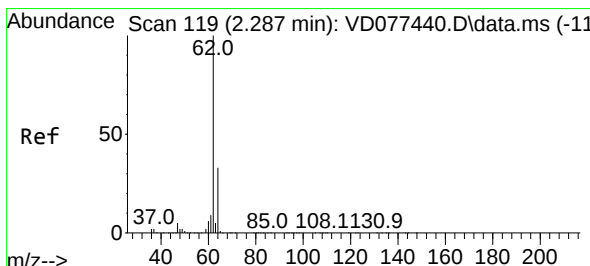
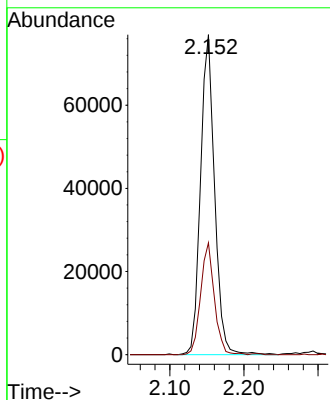
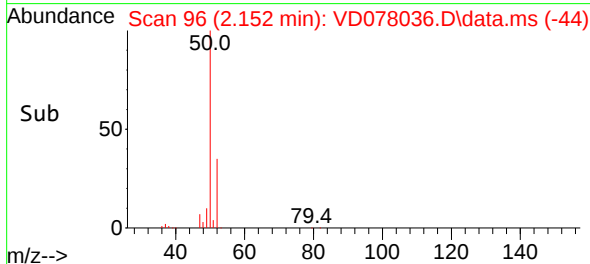
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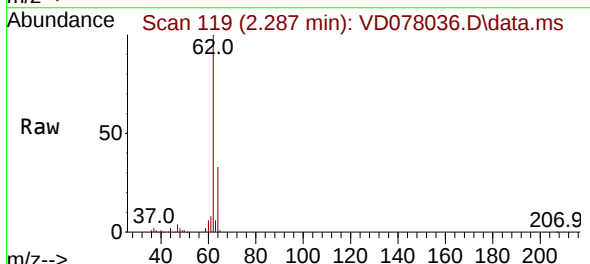
Tgt Ion: 50 Resp: 101494
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0

Manual Integrations
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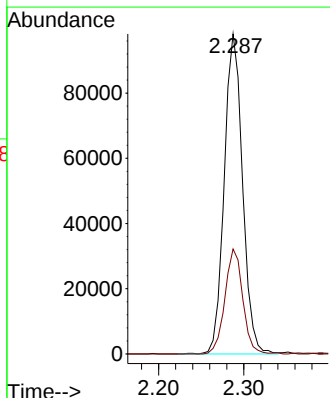
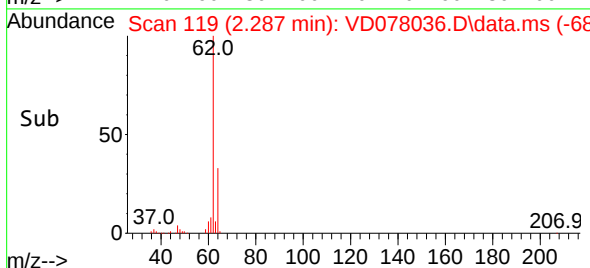
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#4
Vinyl Chloride
Concen: 52.255 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



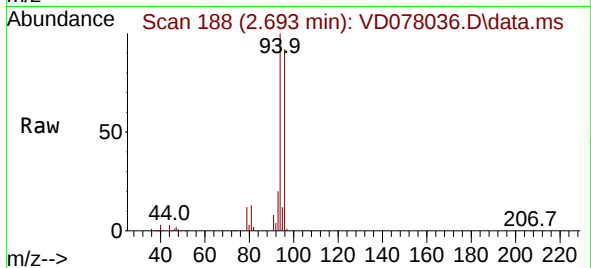
Tgt Ion: 62 Resp: 146396
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0





#5
Bromomethane
Concen: 77.089 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

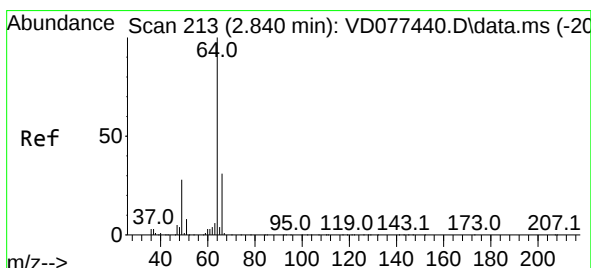
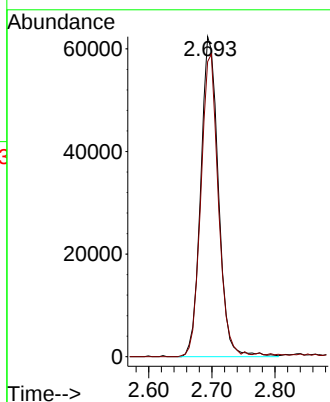
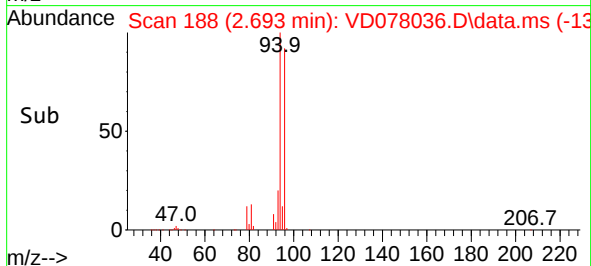
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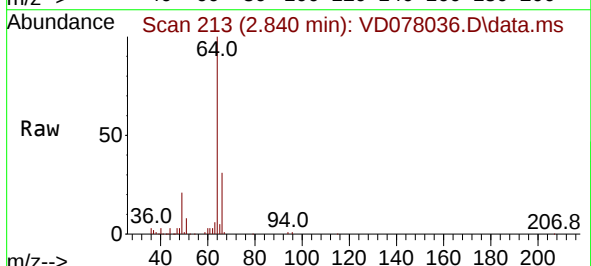
Tgt Ion: 94 Resp: 121180
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.8

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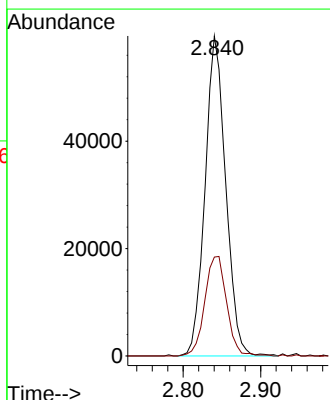
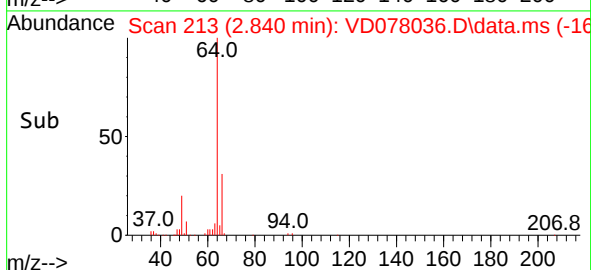
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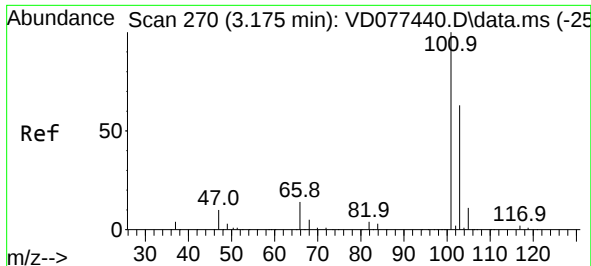


#6
Chloroethane
Concen: 57.762 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



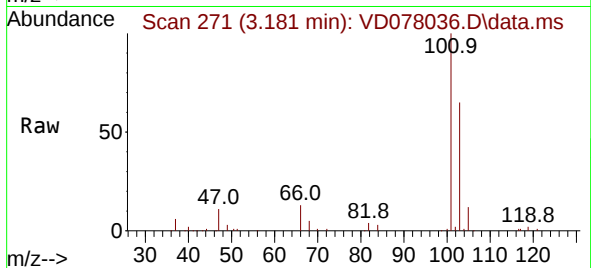
Tgt Ion: 64 Resp: 110326
Ion Ratio Lower Upper
64 100
66 30.9 25.5 38.3





#7
Trichlorofluoromethane
Concen: 48.269 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

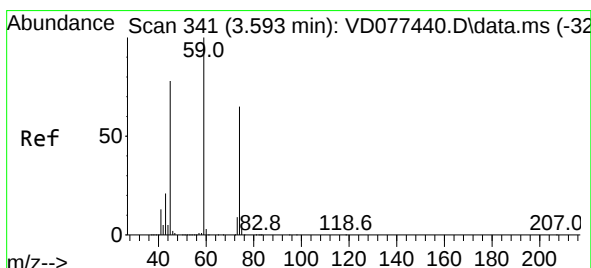
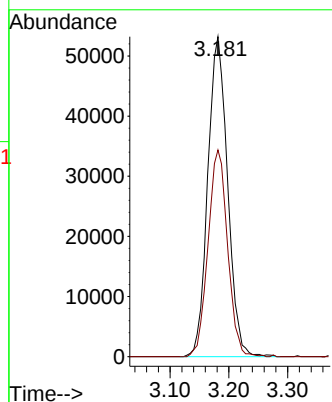
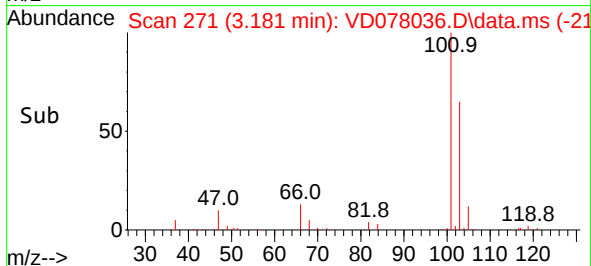
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Tgt Ion:101 Resp: 12454
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

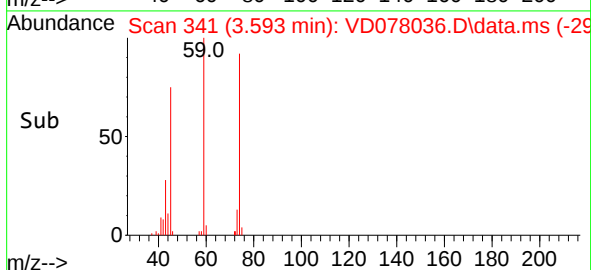
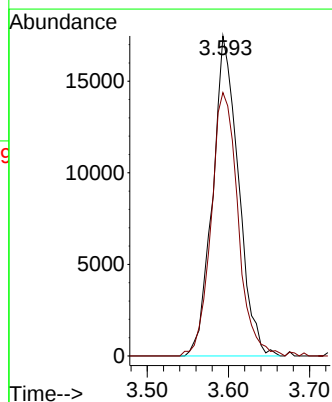
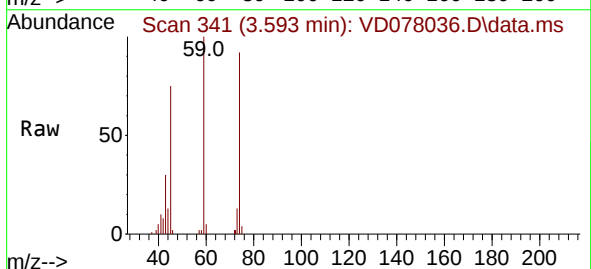
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Supervised By :Semsettin Yesilyurt 12/22/2023



#8
Diethyl Ether
Concen: 53.376 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

Tgt Ion: 74 Resp: 38673
Ion Ratio Lower Upper
74 100
45 85.4 37.5 112.7





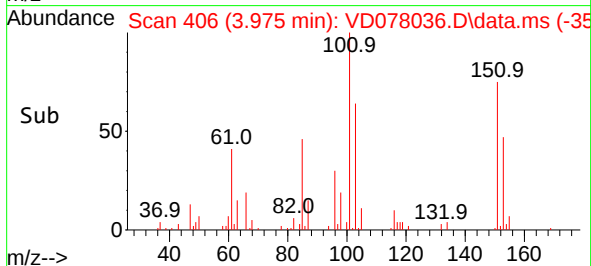
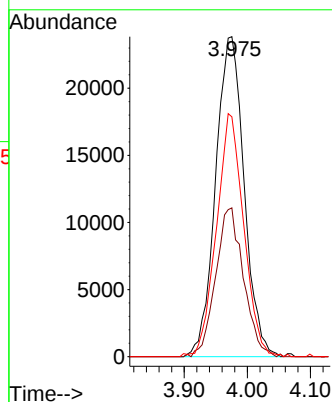
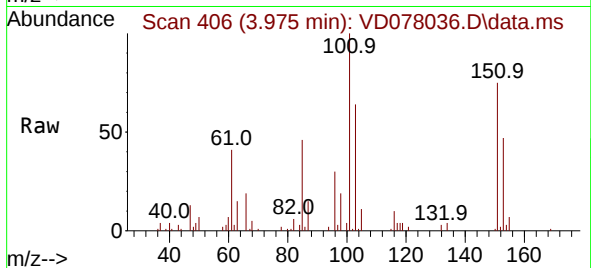
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.615 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD

Tgt Ion:101 Resp: 7471
Ion Ratio Lower Upper
101 100
85 45.6 33.8 50.6
151 72.7 59.8 89.6

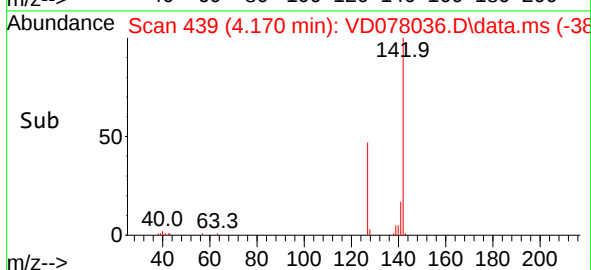
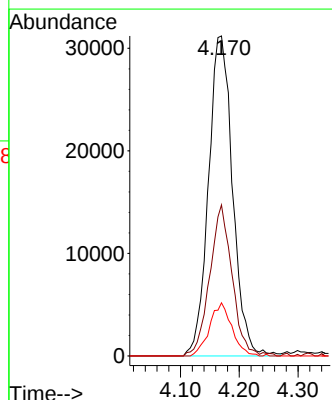
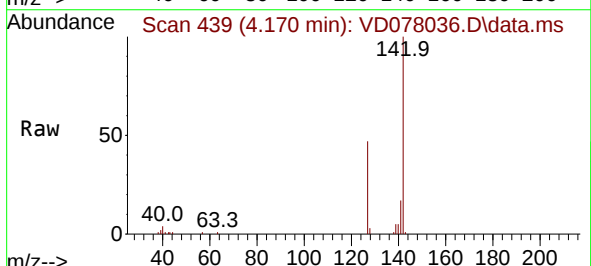
Manual Integrations
APPROVED

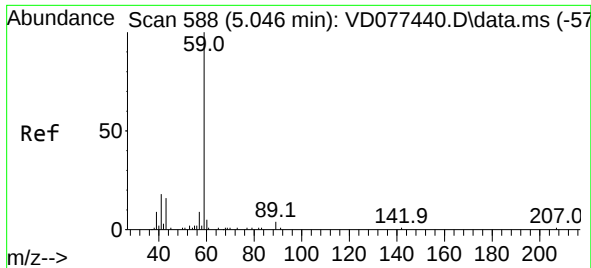
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#10
Methyl Iodide
Concen: 66.352 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.001 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

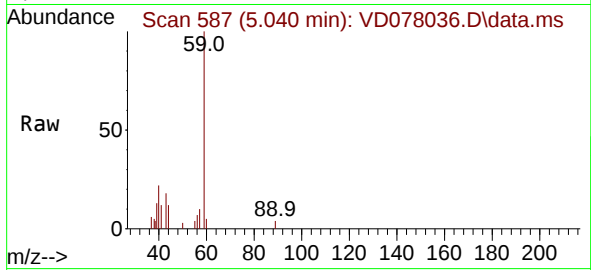
Tgt Ion:142 Resp: 89138
Ion Ratio Lower Upper
142 100
127 43.4 29.4 44.0
141 15.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 256.306 ug/l
RT: 5.040 min Scan# 588
Delta R.T. -0.006 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

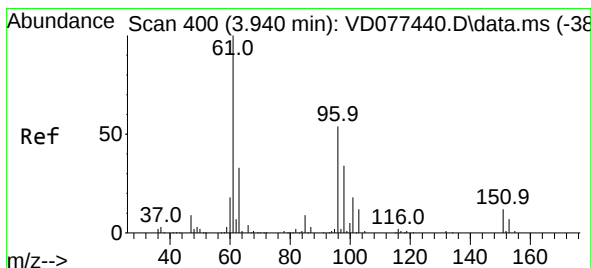
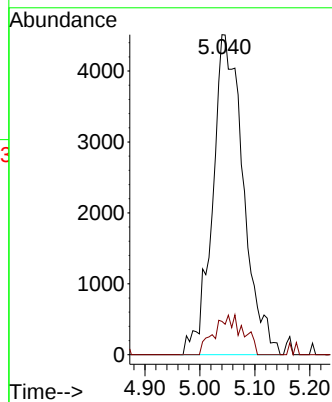
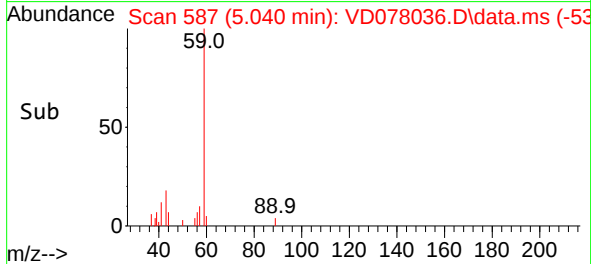
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



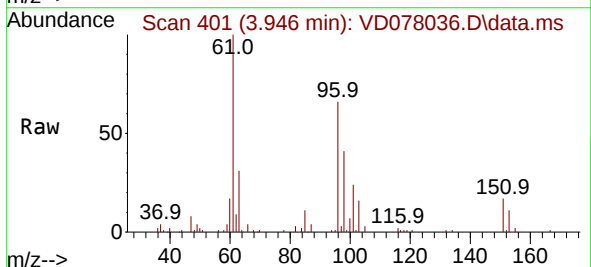
Tgt Ion: 59 Resp: 17608
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.8

Manual Integrations
APPROVED

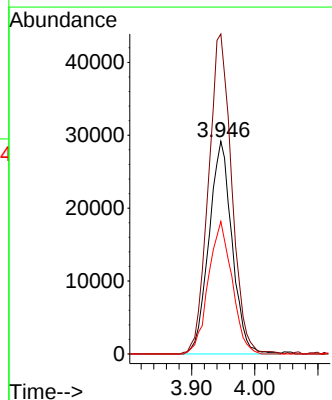
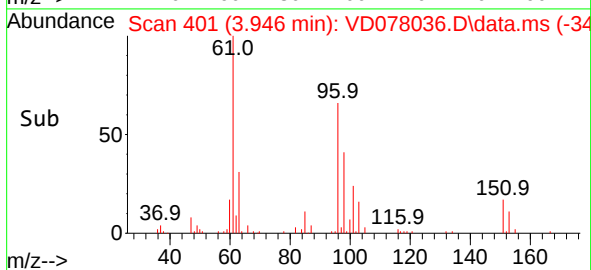
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

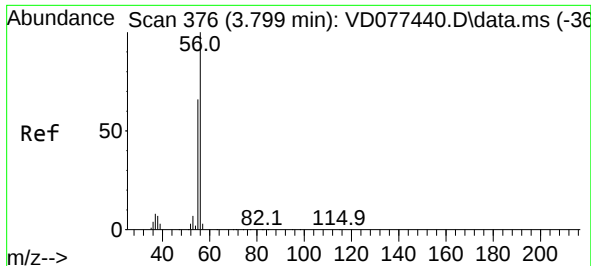


#12
1,1-Dichloroethene
Concen: 50.869 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



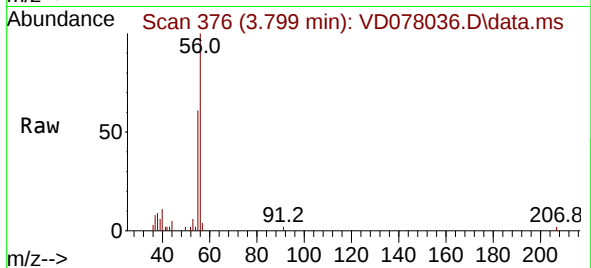
Tgt Ion: 96 Resp: 74110
Ion Ratio Lower Upper
96 100
61 150.5 100.6 150.8
98 62.3 50.2 75.2





#13
Acrolein
Concen: 162.840 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

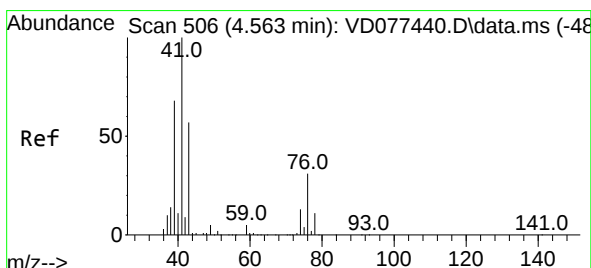
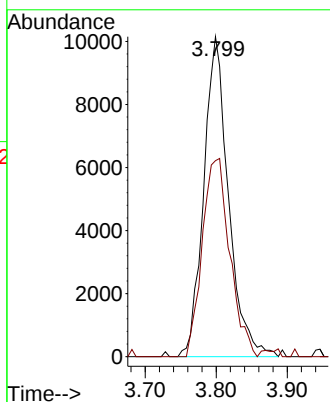
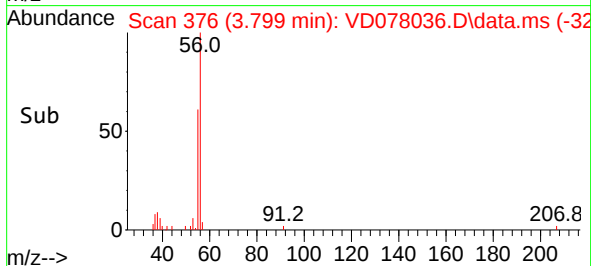
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion: 56 Resp: 2460
Ion Ratio Lower Upper
56 100
55 68.7 55.1 82.7

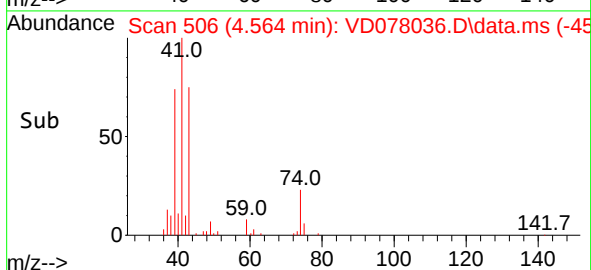
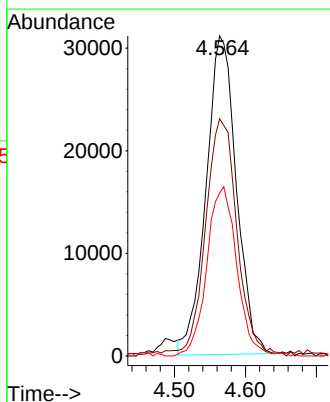
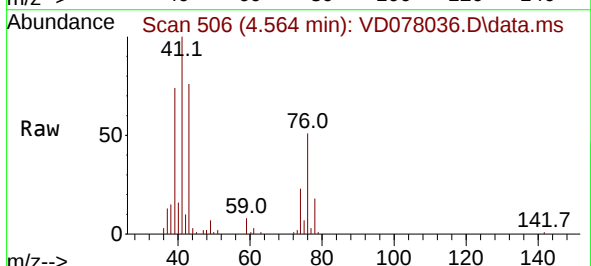
Manual Integrations
APPROVED

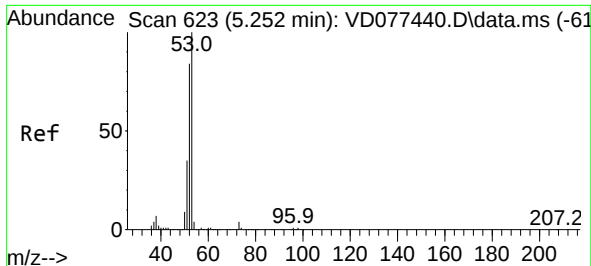
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#14
Allyl chloride
Concen: 45.957 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

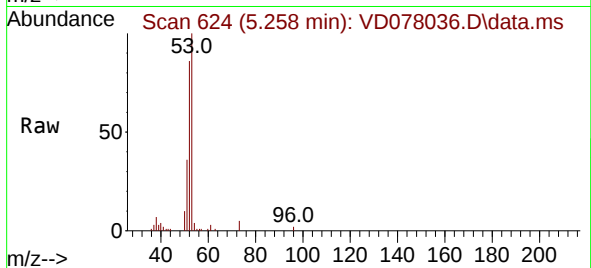
Tgt Ion: 41 Resp: 92085
Ion Ratio Lower Upper
41 100
39 78.3 53.8 80.6
76 52.3 45.8 68.8





#15
Acrylonitrile
Concen: 274.517 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

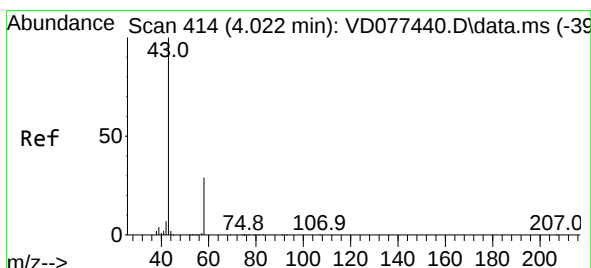
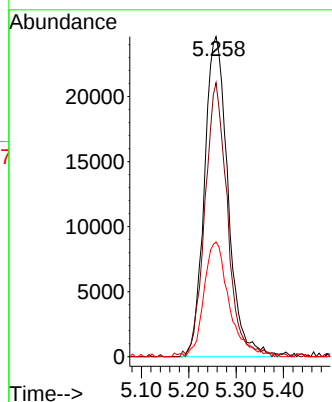
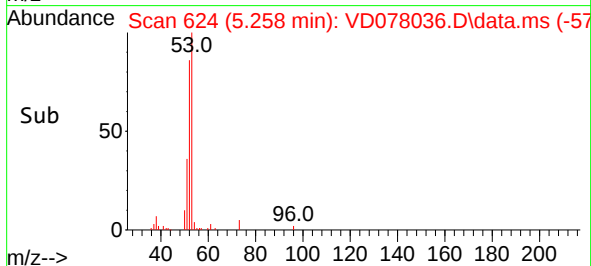
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion: 53 Resp: 85159
Ion Ratio Lower Upper
53 100
52 81.5 65.0 97.4
51 38.4 28.3 42.5

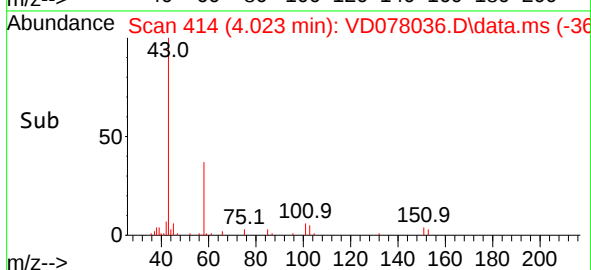
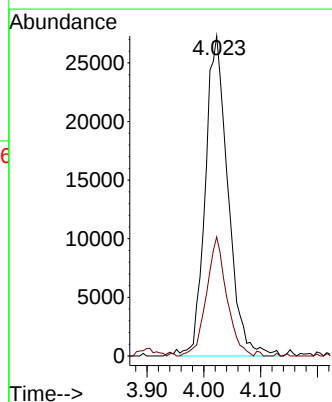
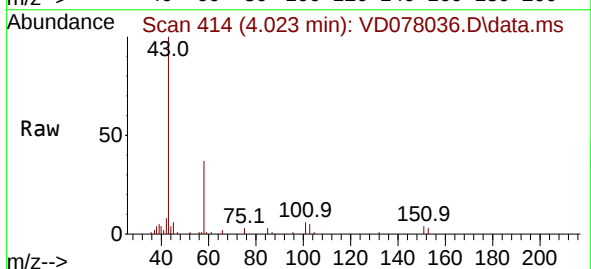
Manual Integrations
APPROVED

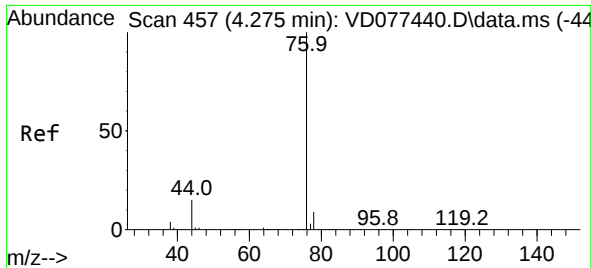
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#16
Acetone
Concen: 244.657 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

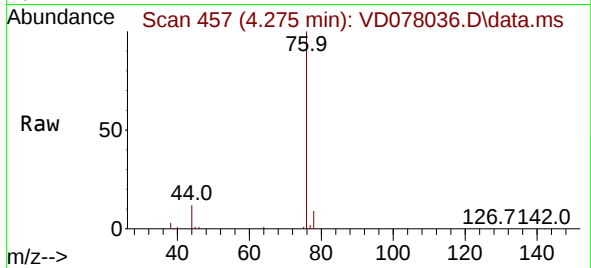
Tgt Ion: 43 Resp: 75723
Ion Ratio Lower Upper
43 100
58 37.2 34.7 52.1





#17
Carbon Disulfide
Concen: 41.674 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

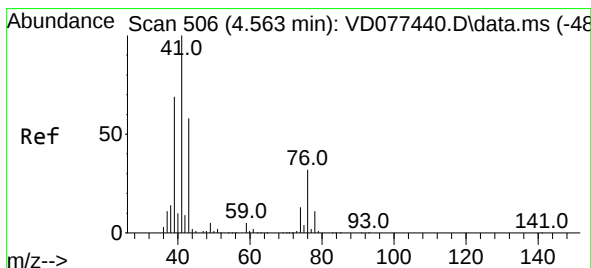
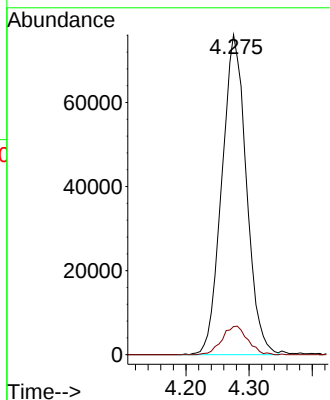
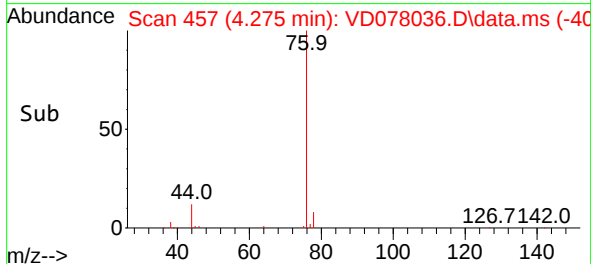
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion: 76 Resp: 205400
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

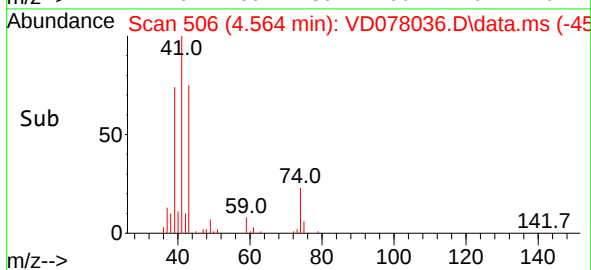
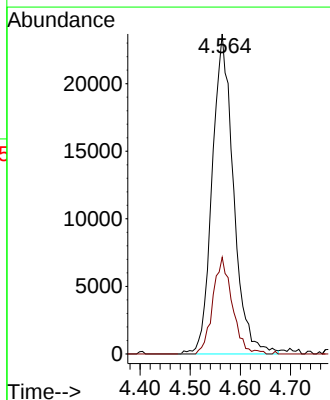
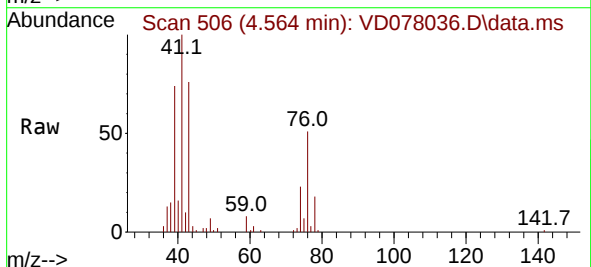
Manual Integrations
APPROVED

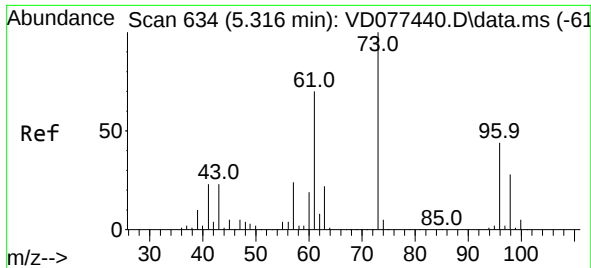
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#18
Methyl Acetate
Concen: 62.162 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

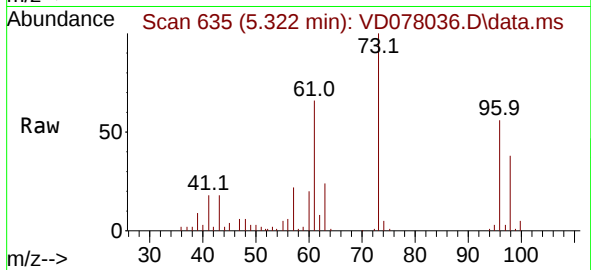
Tgt Ion: 43 Resp: 69918
Ion Ratio Lower Upper
43 100
74 27.5 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 57.246 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

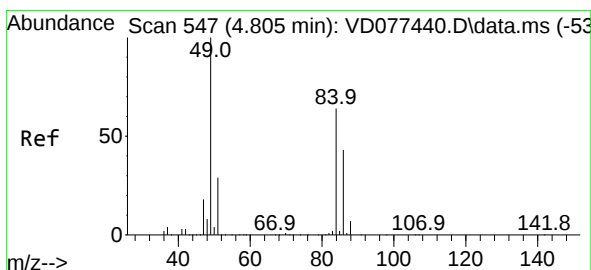
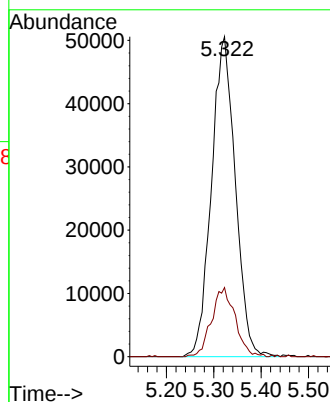
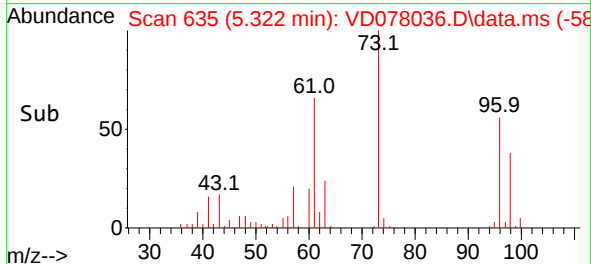
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion: 73 Resp: 176948
Ion Ratio Lower Upper
73 100
57 21.6 16.6 25.0

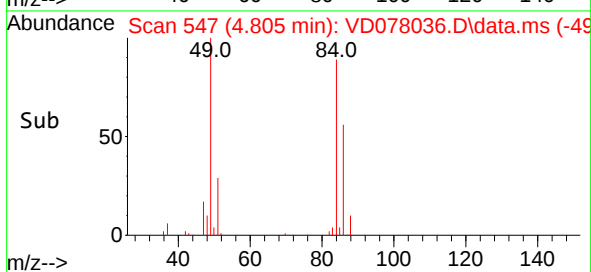
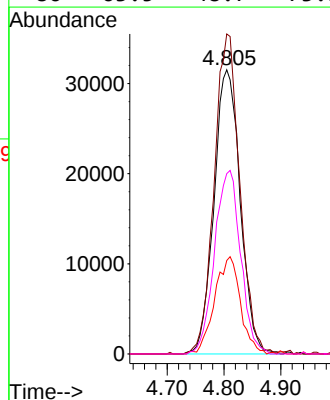
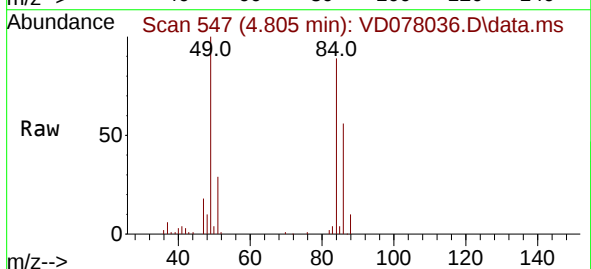
Manual Integrations
APPROVED

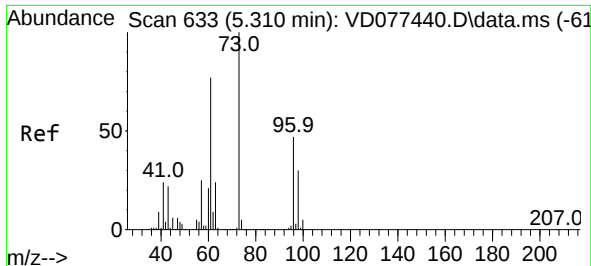
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#20
Methylene Chloride
Concen: 60.880 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

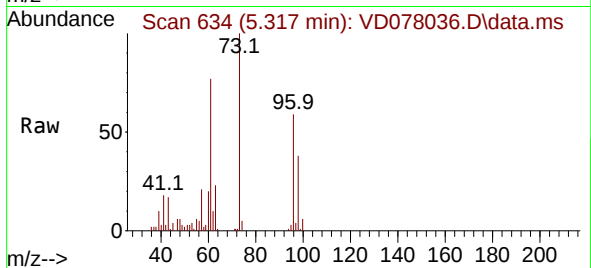
Tgt Ion: 84 Resp: 101188
Ion Ratio Lower Upper
84 100
49 112.6 71.4 107.2#
51 32.9 24.5 36.7
86 63.5 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 54.420 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

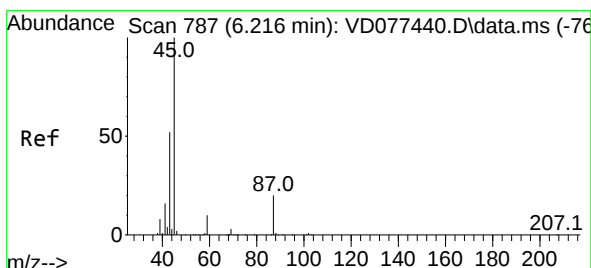
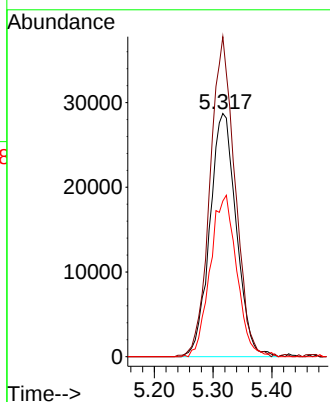
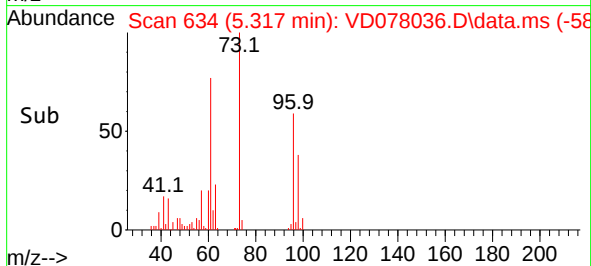
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion: 96 Resp: 8980
Ion Ratio Lower Upper
96 100
61 131.6 89.3 133.9
98 64.0 48.6 73.0

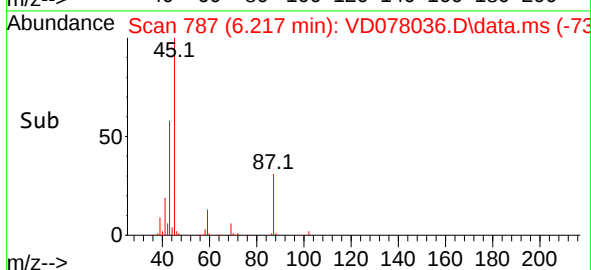
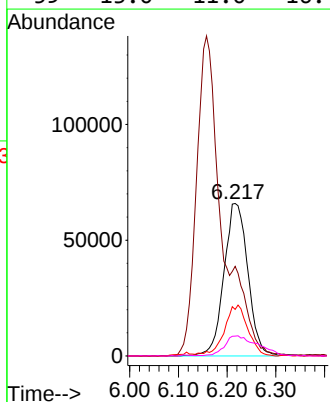
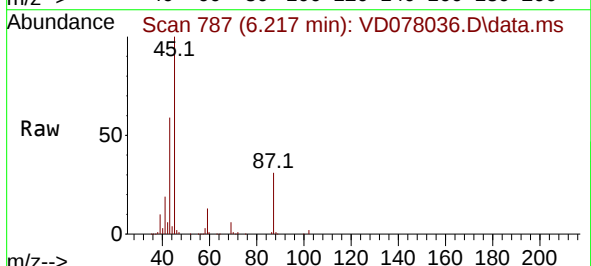
Manual Integrations
APPROVED

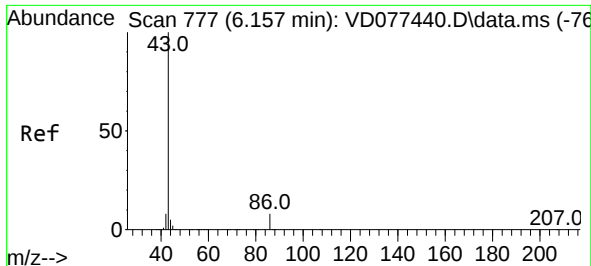
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#22
Diisopropyl ether
Concen: 53.642 ug/l
RT: 6.217 min Scan# 787
Delta R.T. 0.001 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

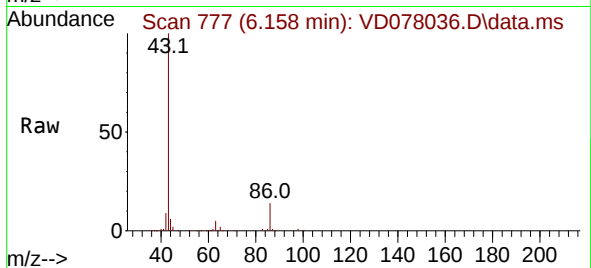
Tgt Ion: 45 Resp: 224610
Ion Ratio Lower Upper
45 100
43 57.6 40.0 60.0
87 30.6 28.2 42.4
59 13.0 11.0 16.4





#23
 Vinyl Acetate
 Concen: 247.940 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD078036.D
 Acq: 21 Dec 2023 19:49

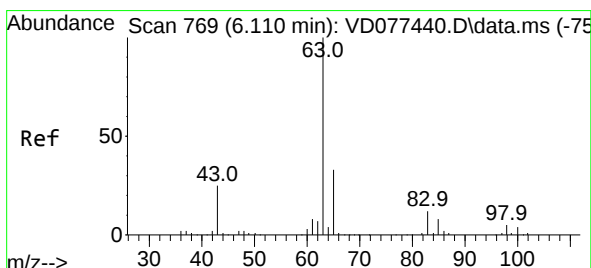
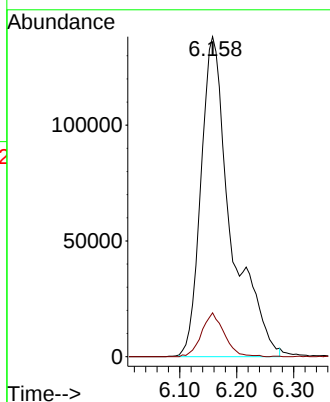
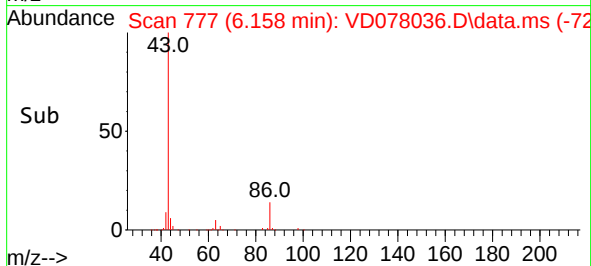
Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-04-13-14MSD



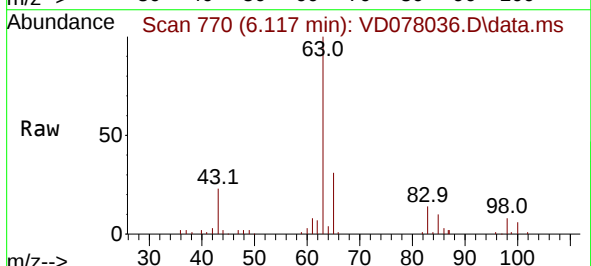
Tgt Ion: 43 Resp: 50698
 Ion Ratio Lower Upper
 43 100
 86 13.7 12.5 18.7

Manual Integrations
 APPROVED

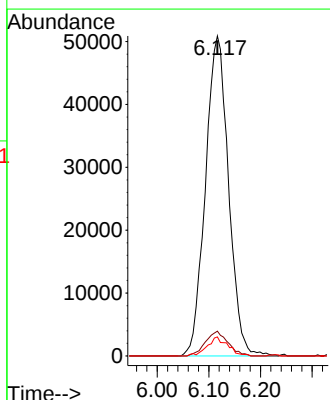
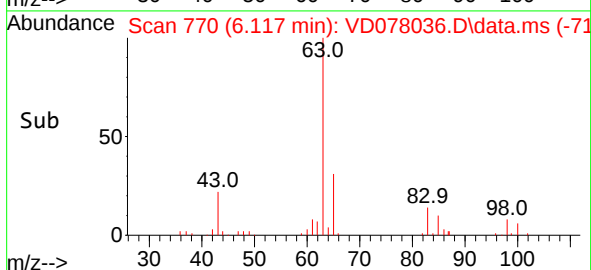
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 55.733 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. 0.007 min
 Lab File: VD078036.D
 Acq: 21 Dec 2023 19:49



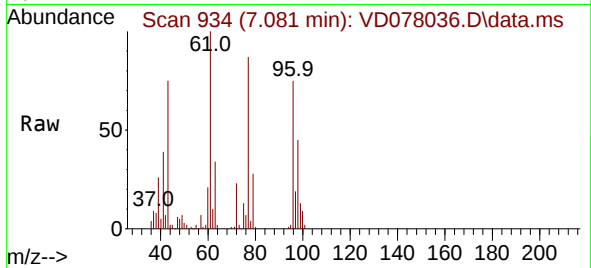
Tgt Ion: 63 Resp: 158034
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 5.9 2.5 7.5





#25
2-Butanone
Concen: 255.290 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

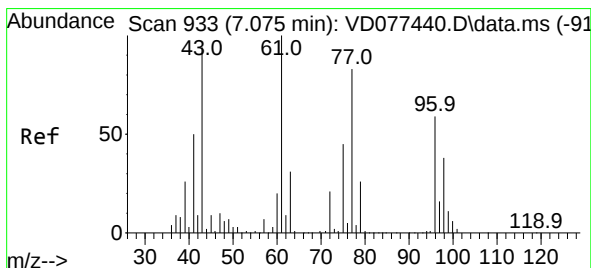
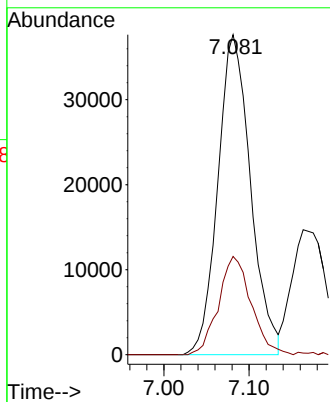
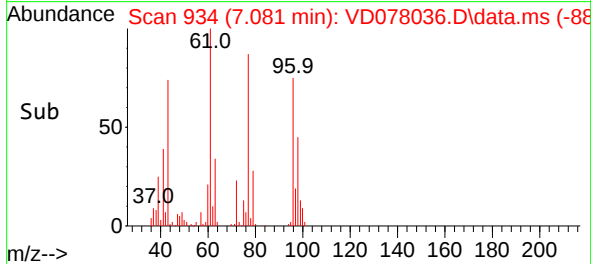
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion: 43 Resp: 100098
Ion Ratio Lower Upper
43 100
72 30.7 30.7 46.1

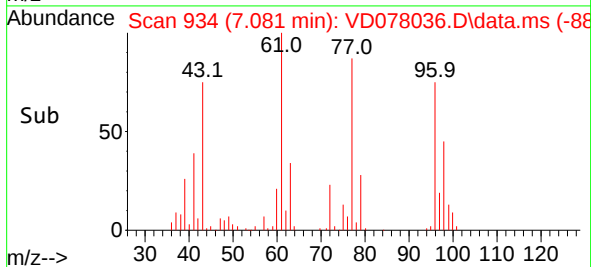
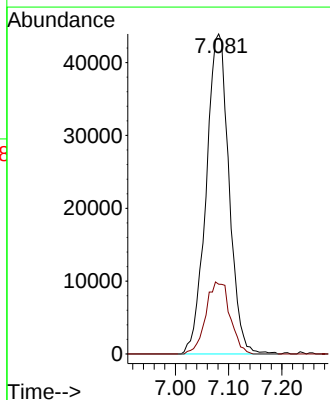
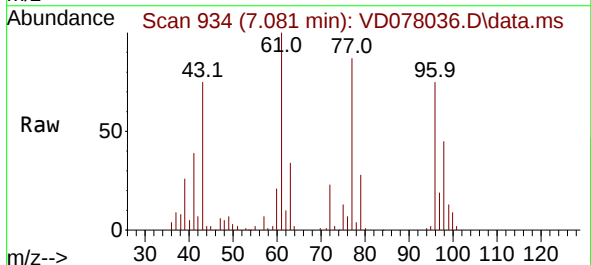
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#26
2,2-Dichloropropane
Concen: 54.954 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

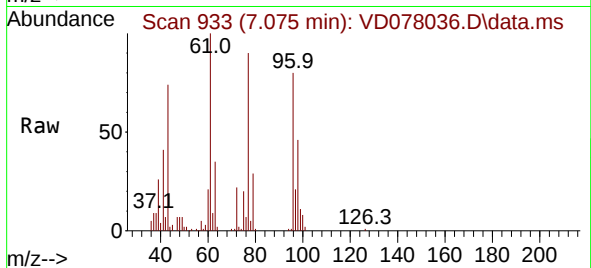
Tgt Ion: 77 Resp: 130833
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 59.311 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078036.D
 Acq: 21 Dec 2023 19:49

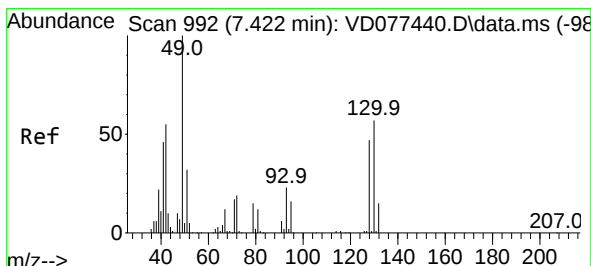
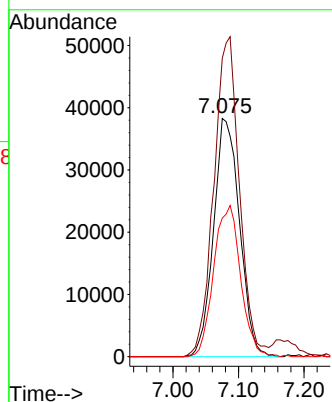
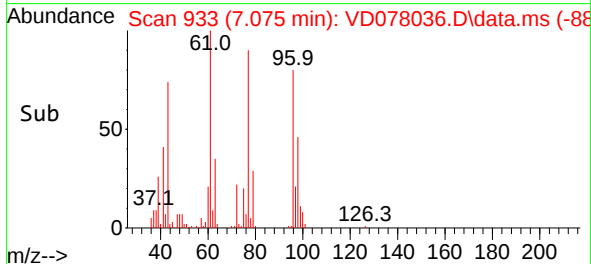
Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-04-13-14MSD



Tgt Ion: 96 Resp: 10531
 Ion Ratio Lower Upper
 96 100
 61 132.3 0.0 239.2
 98 65.5 0.0 128.6

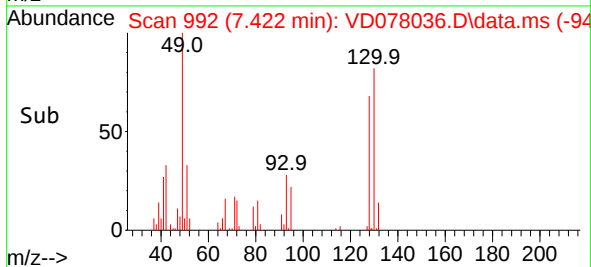
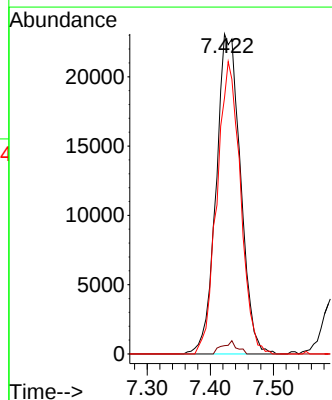
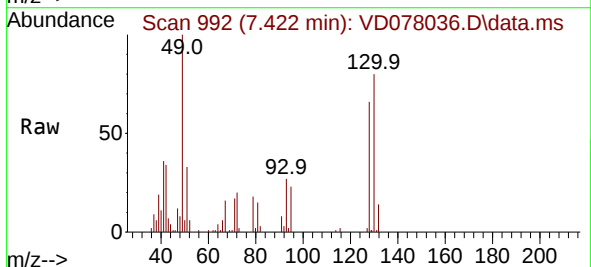
Manual Integrations
 APPROVED

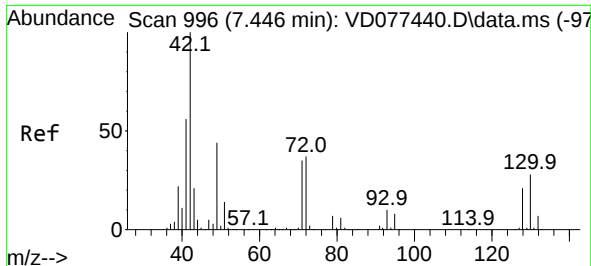
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#28
 Bromochloromethane
 Concen: 53.986 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD078036.D
 Acq: 21 Dec 2023 19:49

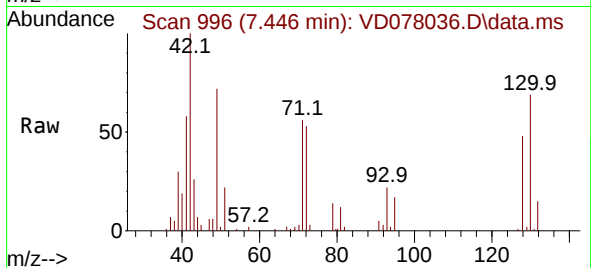
Tgt Ion: 49 Resp: 61857
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 6.0
 130 88.2 83.2 124.8





#29
Tetrahydrofuran
Concen: 246.939 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

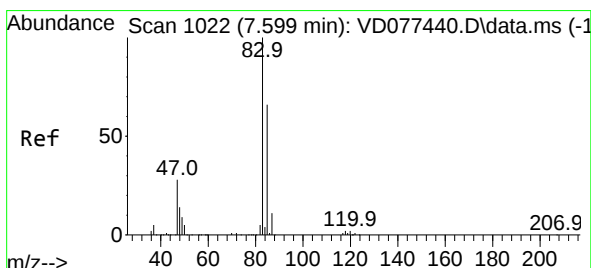
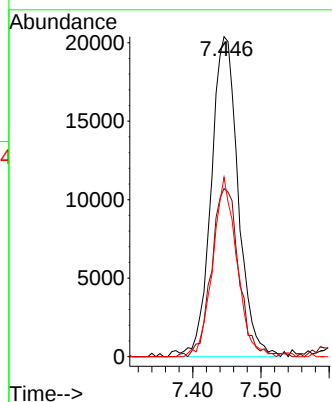
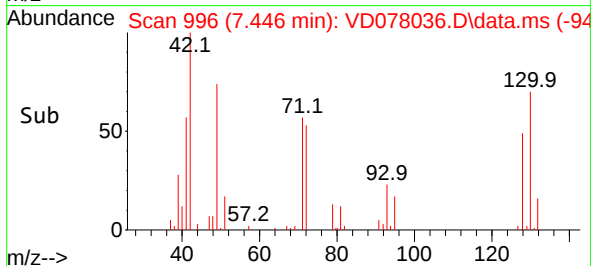
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



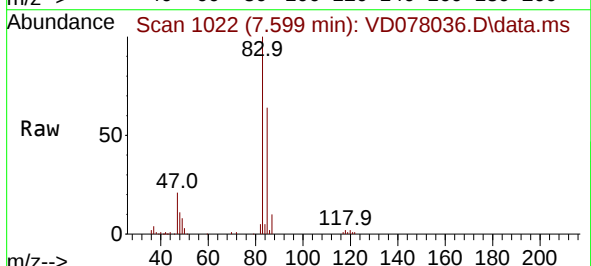
Tgt Ion: 42 Resp: 56160
Ion Ratio Lower Upper
42 100
72 53.6 46.5 69.7
71 50.3 44.5 66.7

Manual Integrations
APPROVED

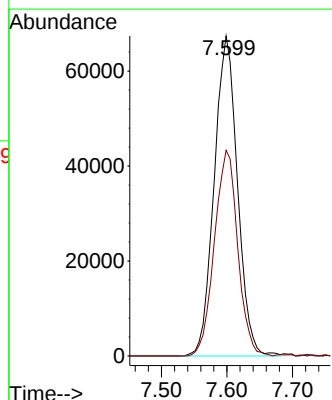
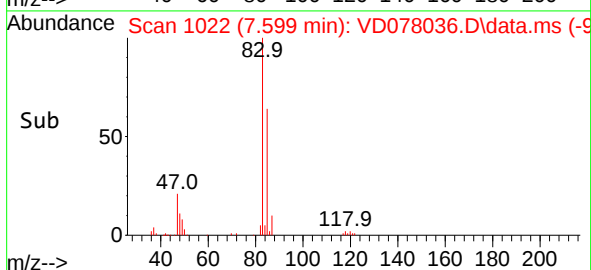
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

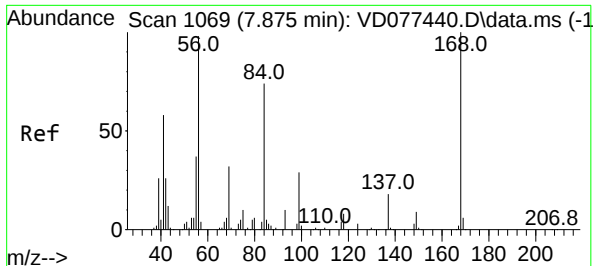


#30
Chloroform
Concen: 58.493 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



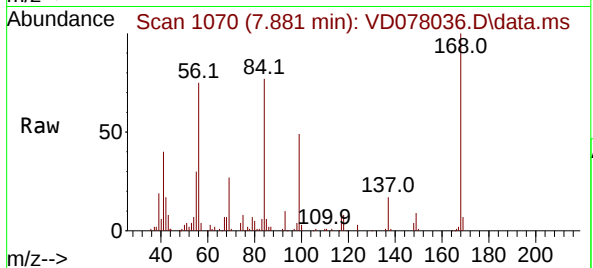
Tgt Ion: 83 Resp: 165998
Ion Ratio Lower Upper
83 100
85 64.2 53.4 80.2





#31
Cyclohexane
Concen: 42.384 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

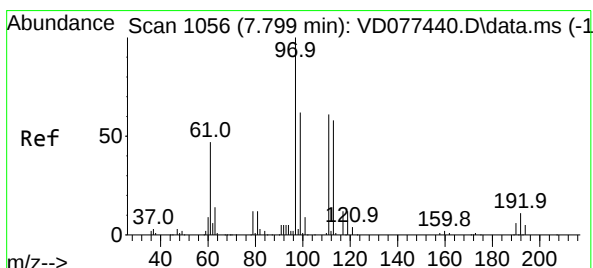
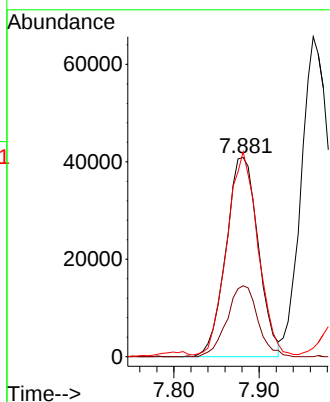
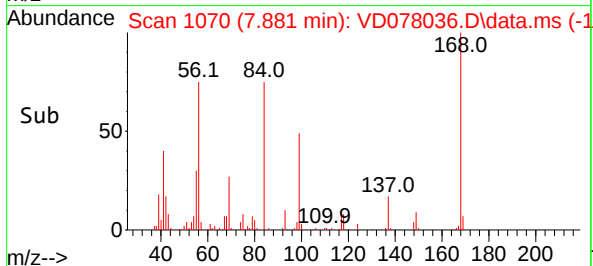
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



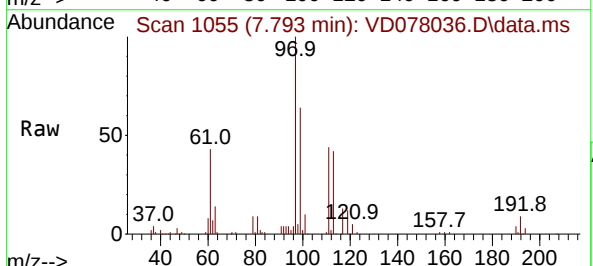
Tgt Ion: 56 Resp: 10766
Ion Ratio Lower Upper
56 100
69 35.6 28.6 43.0
84 100.9 84.8 127.2

Manual Integrations
APPROVED

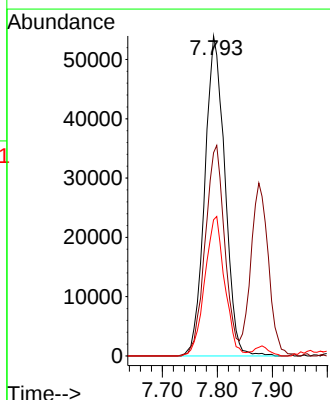
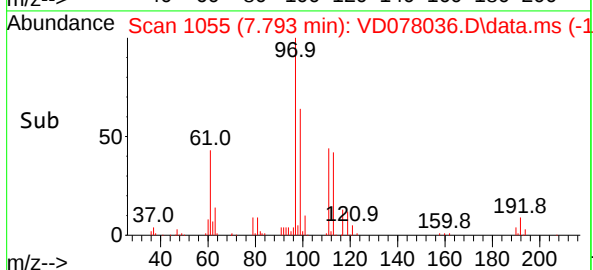
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

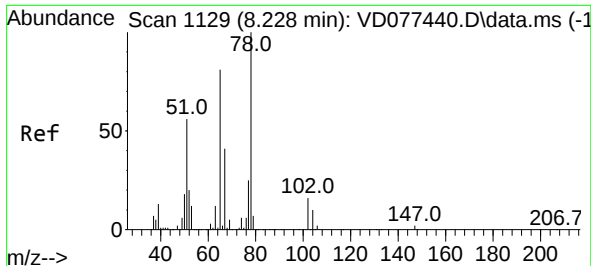


#32
1,1,1-Trichloroethane
Concen: 54.826 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



Tgt Ion: 97 Resp: 137163
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 43.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 55.786 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-13-14MSD

Tgt Ion: 65 Resp: 79672

Ion Ratio Lower Upper

65 100

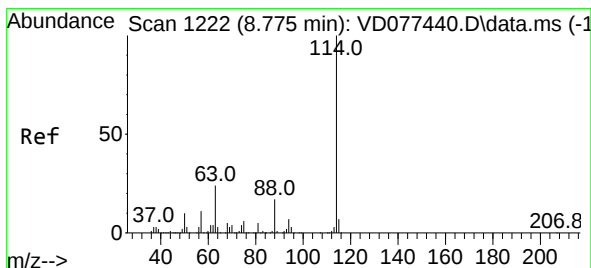
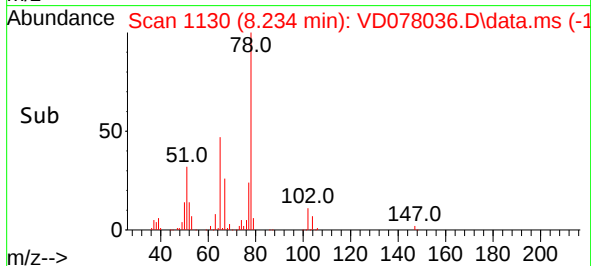
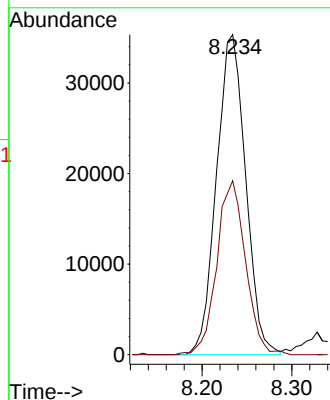
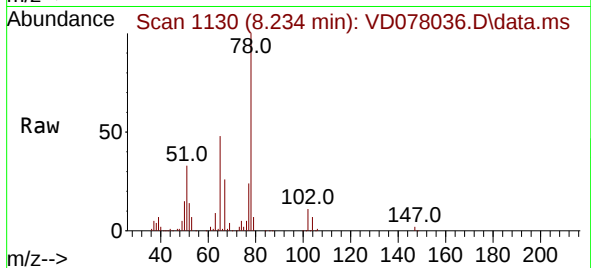
67 53.6 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

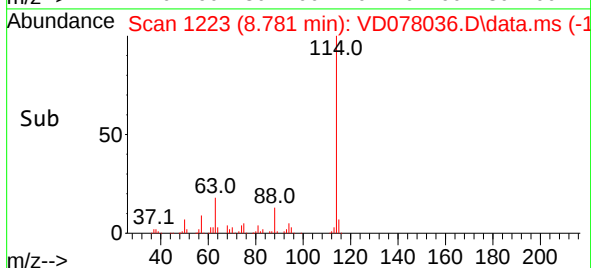
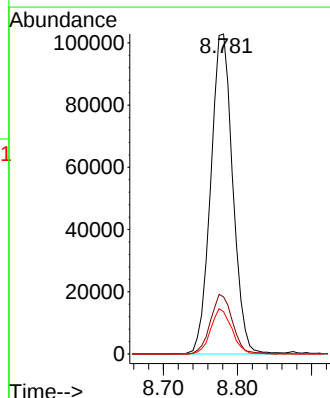
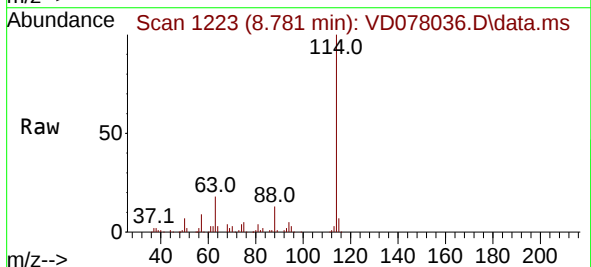
Tgt Ion:114 Resp: 212088

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 58.416 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-13-14MSD

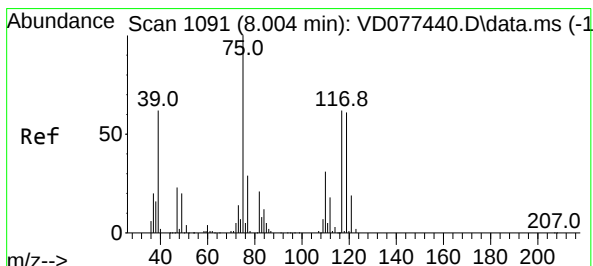
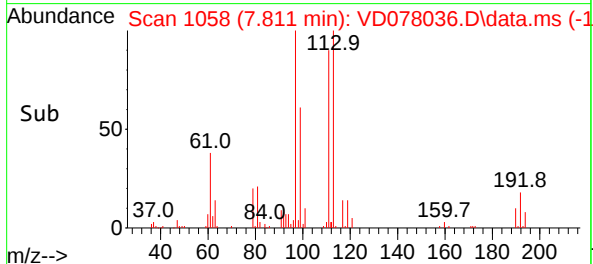
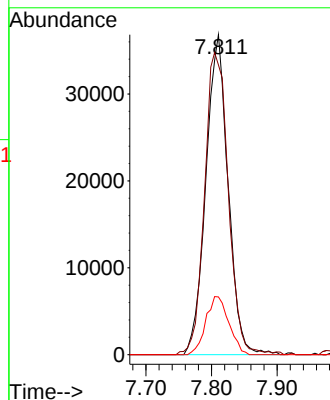
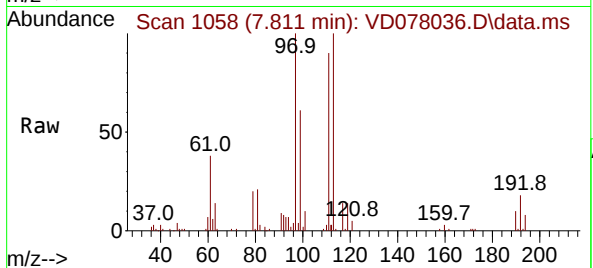
Tgt Ion: 113 Resp: 8678

Ion	Ratio	Lower	Upper
113	100		
111	101.0	84.7	127.1
192	18.8	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#36

1,1-Dichloropropene

Concen: 49.680 ug/l

RT: 8.011 min Scan# 1092

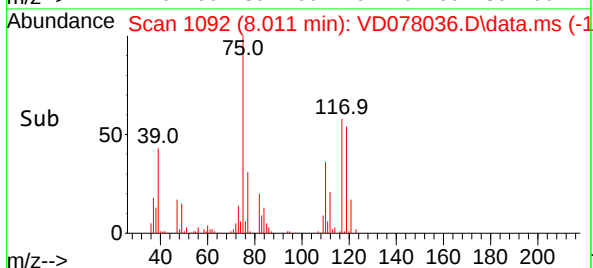
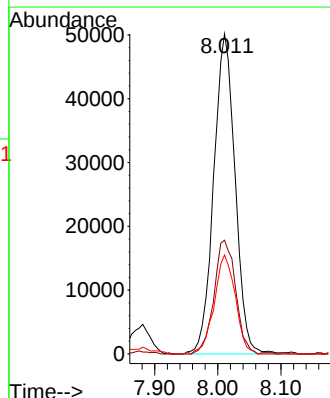
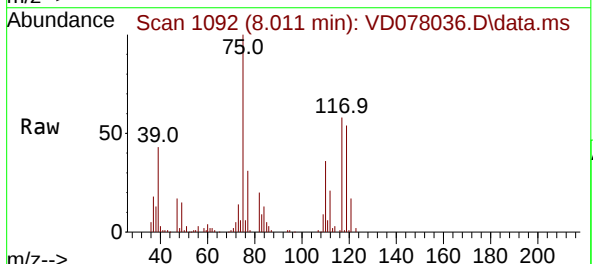
Delta R.T. 0.007 min

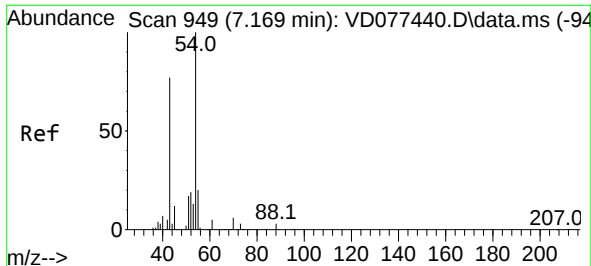
Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Tgt Ion: 75 Resp: 118054

Ion	Ratio	Lower	Upper
75	100		
110	35.8	19.9	59.6
77	30.5	24.7	37.1





#37

Ethyl Acetate

Concen: 44.941 ug/l

RT: 7.164 min Scan# 949

Delta R.T. -0.005 min

Lab File: VD078036.D

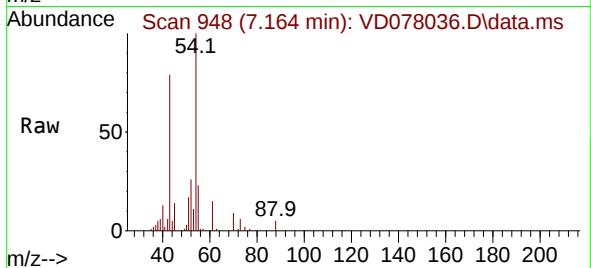
Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-13-14MSD

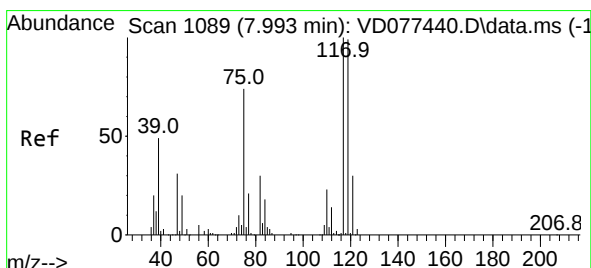
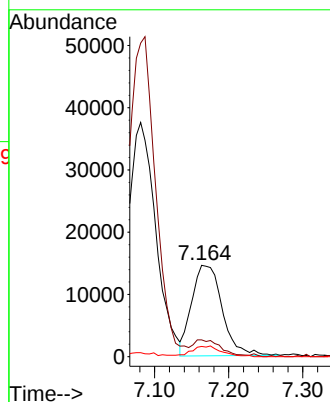
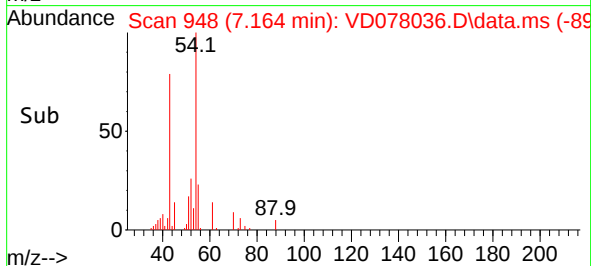


Tgt Ion:	43	Resp:	4164
Ion	Ratio	Lower	Upper
43	100		
61	14.6	14.9	22.3
70	11.6	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#38

Carbon Tetrachloride

Concen: 51.366 ug/l

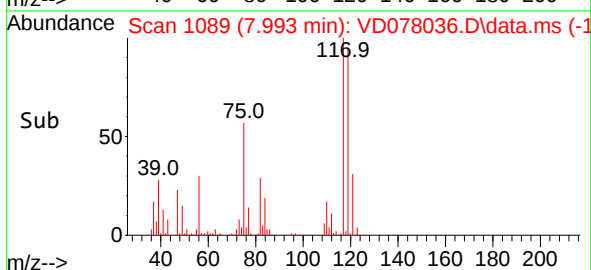
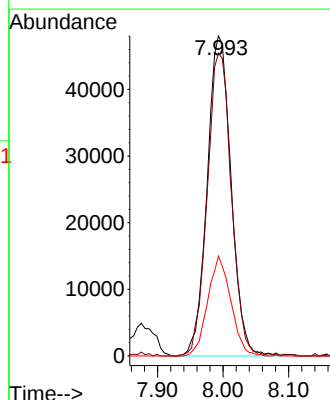
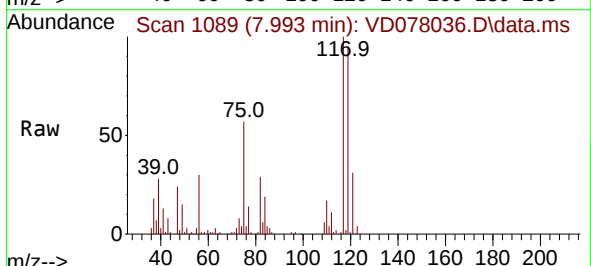
RT: 7.993 min Scan# 1089

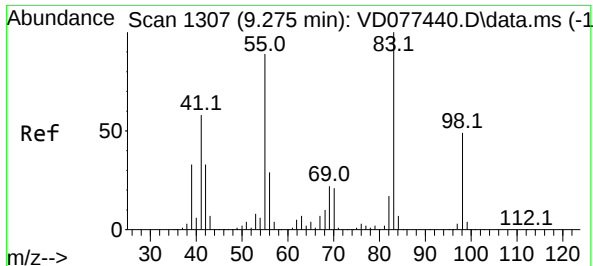
Delta R.T. -0.000 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Tgt Ion:	117	Resp:	121688
Ion	Ratio	Lower	Upper
117	100		
119	94.3	78.0	117.0
121	31.2	24.2	36.2





#39

Methylcyclohexane

Concen: 46.034 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

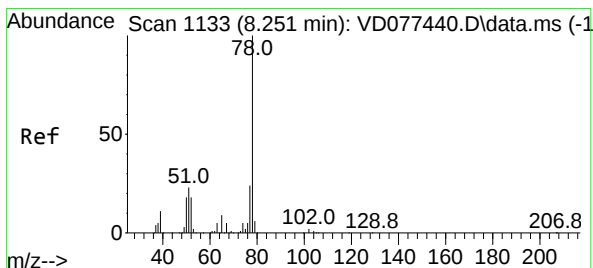
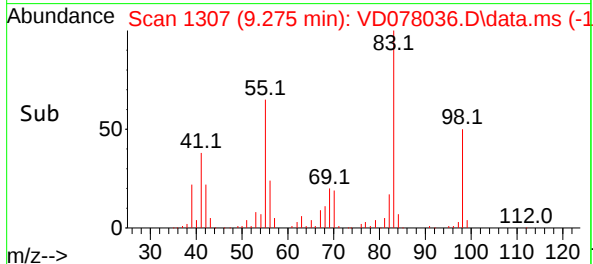
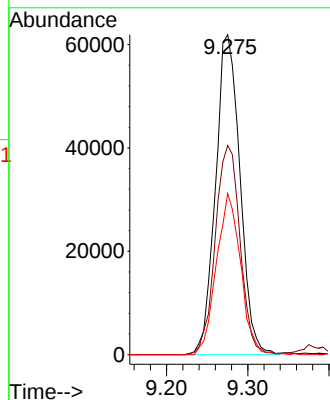
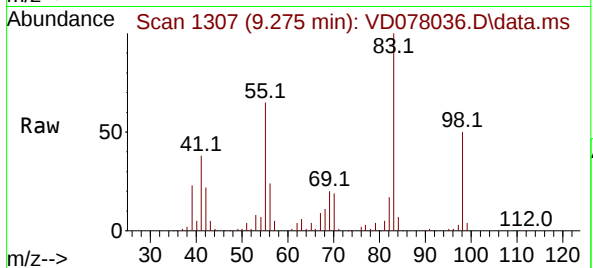
RT-SB-04-13-14MSD

Tgt Ion: 83 Resp: 129683
 Ion Ratio Lower Upper
 83 100
 55 65.4 49.4 74.0
 98 50.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#40

Benzene

Concen: 54.316 ug/l

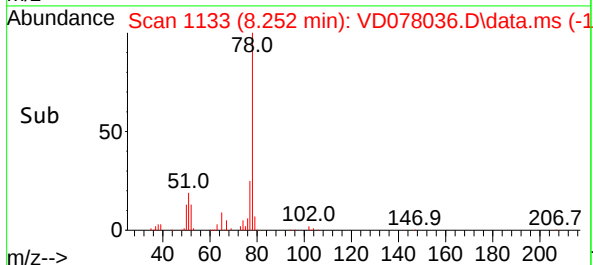
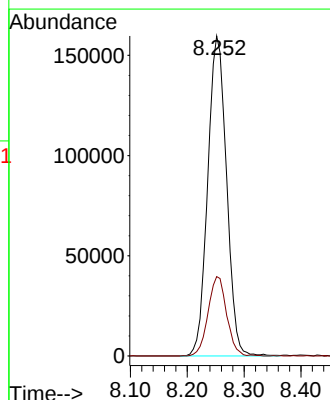
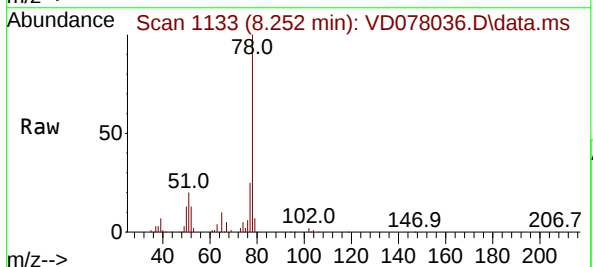
RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

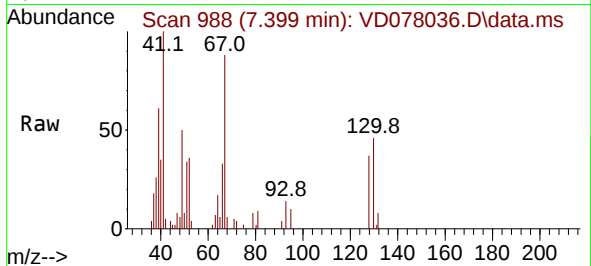
Tgt Ion: 78 Resp: 366335
 Ion Ratio Lower Upper
 78 100
 77 24.8 19.4 29.0





#41
Methacrylonitrile
Concen: 49.403 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

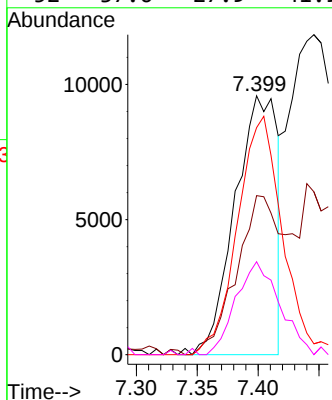
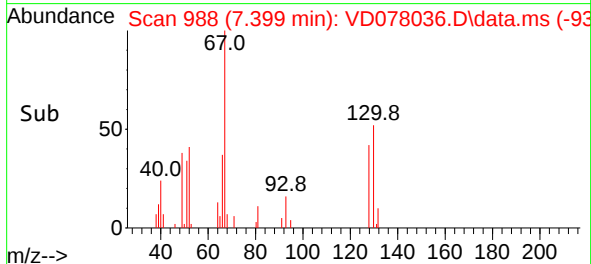
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



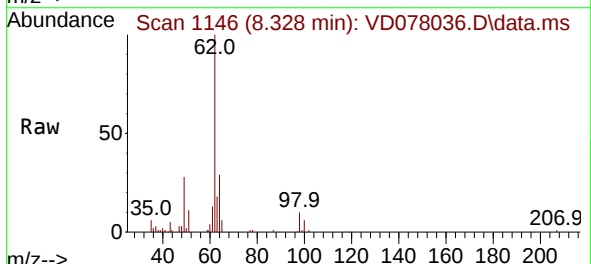
Tgt Ion: 41 Resp: 2326
Ion Ratio Lower Upper
41 100
39 64.4 34.0 51.0
67 97.8 77.0 115.4
52 37.6 27.9 41.9

Manual Integrations
APPROVED

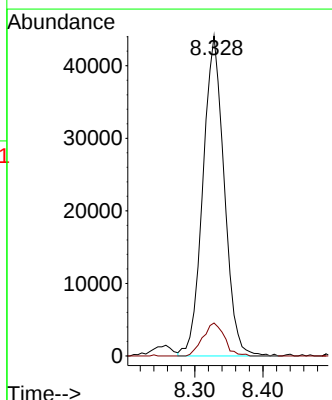
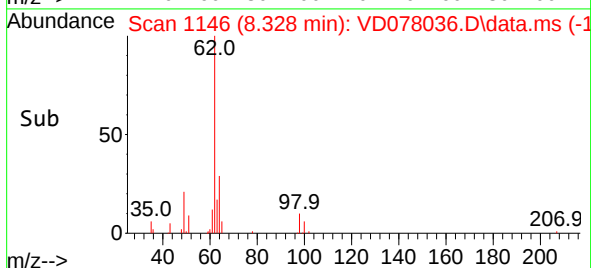
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

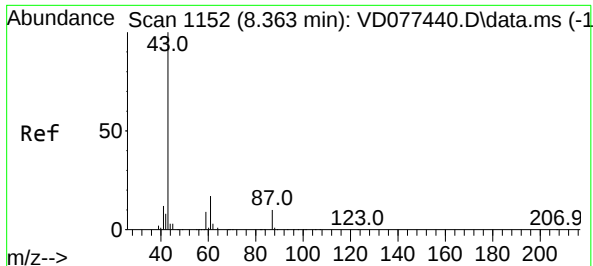


#42
1,2-Dichloroethane
Concen: 54.893 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



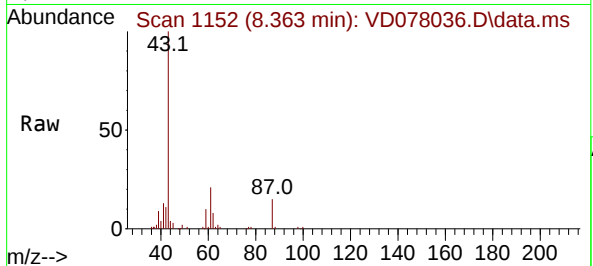
Tgt Ion: 62 Resp: 95967
Ion Ratio Lower Upper
62 100
98 10.5 0.0 25.4





#43
Isopropyl Acetate
Concen: 50.160 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

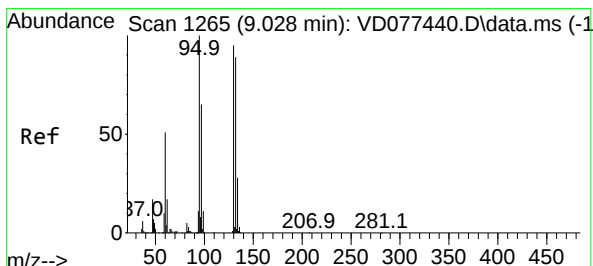
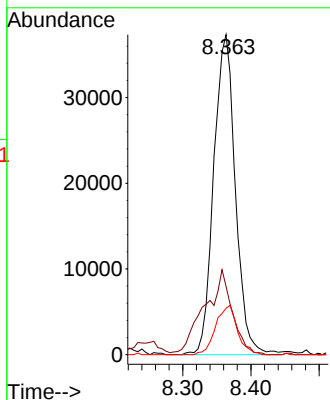
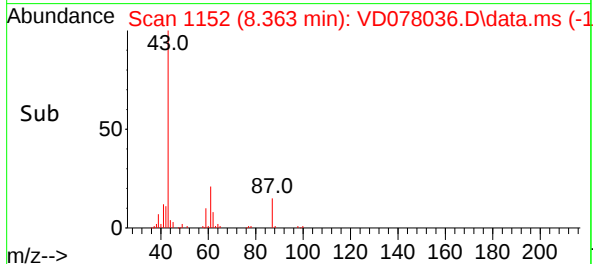
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion: 43 Resp: 82619
Ion Ratio Lower Upper
43 100
61 34.2 31.4 47.0
87 15.3 14.9 22.3

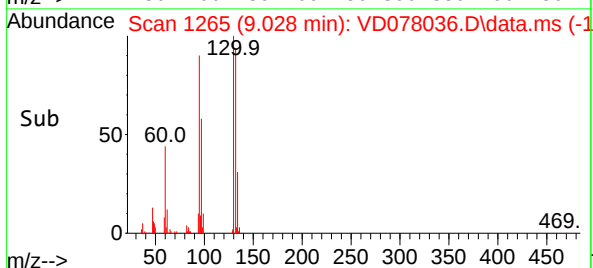
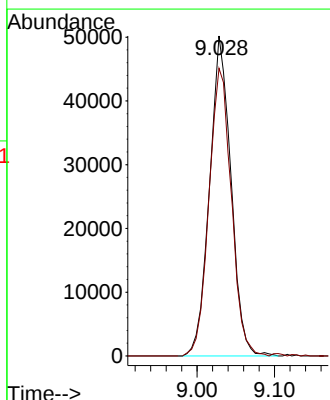
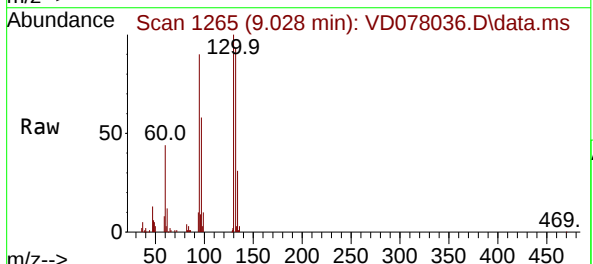
Manual Integrations
APPROVED

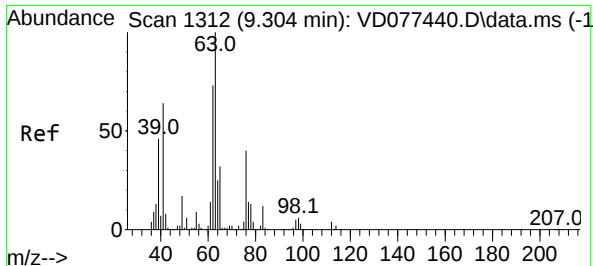
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#44
Trichloroethene
Concen: 54.915 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

Tgt Ion:130 Resp: 96518
Ion Ratio Lower Upper
130 100
95 89.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 54.925 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-13-14MSD

Tgt Ion: 63 Resp: 9005

Ion Ratio Lower Upper

63 100

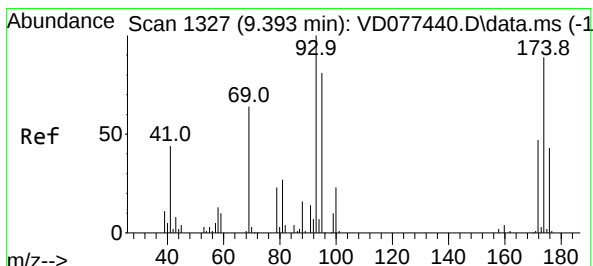
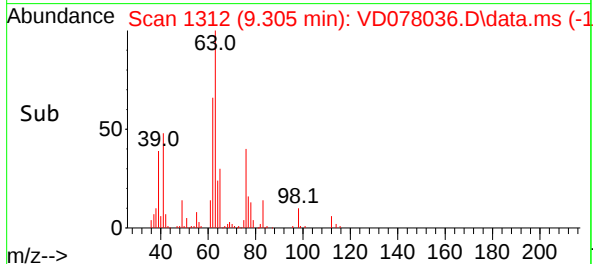
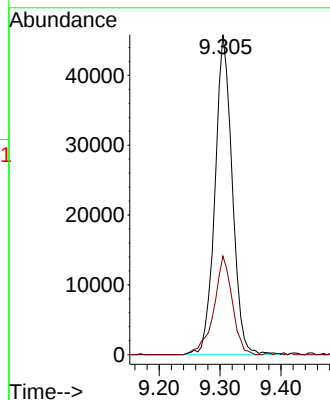
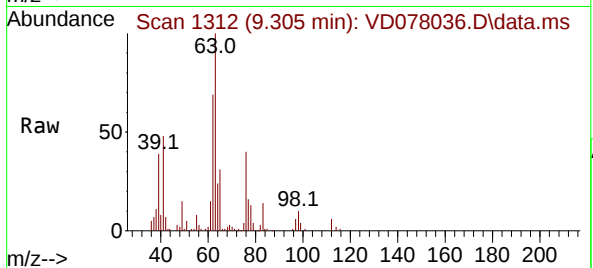
65 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#46

Dibromomethane

Concen: 57.018 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

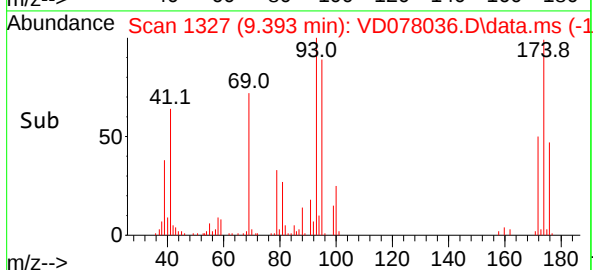
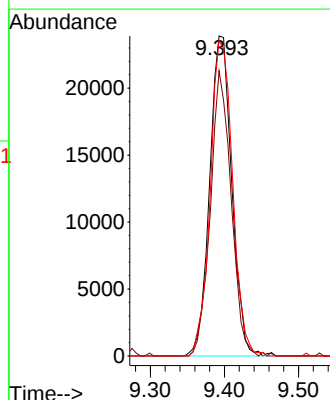
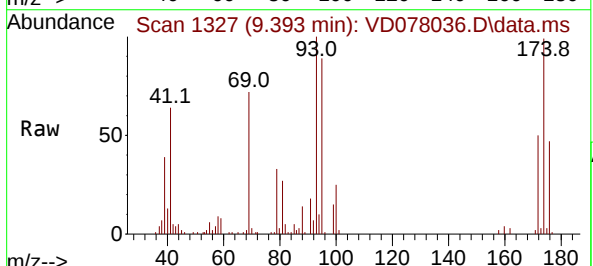
Tgt Ion: 93 Resp: 49464

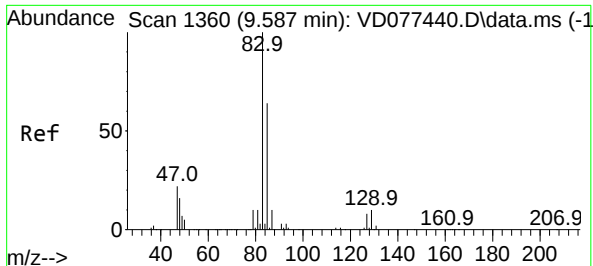
Ion Ratio Lower Upper

93 100

95 83.6 67.7 101.5

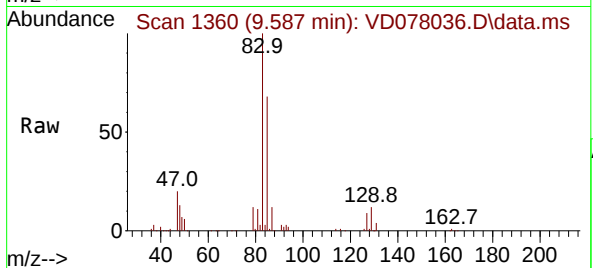
174 99.6 85.4 128.2





#47
Bromodichloromethane
Concen: 58.160 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

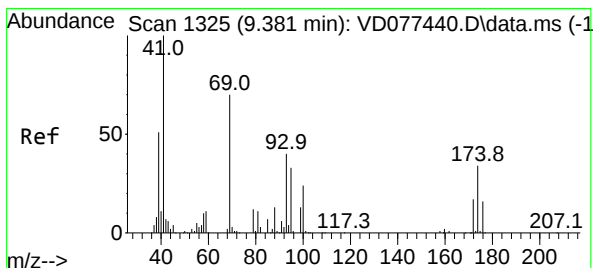
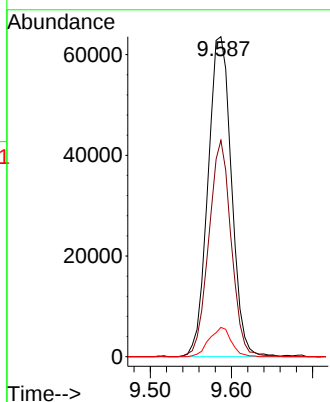
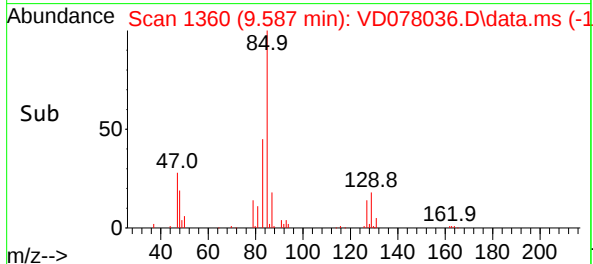
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



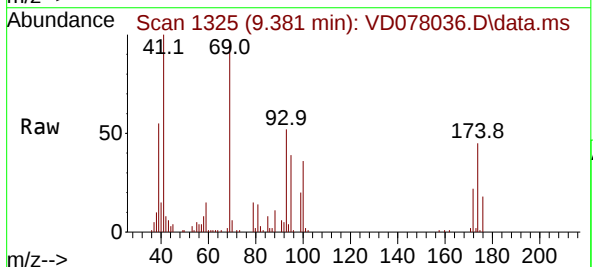
Tgt Ion: 83 Resp: 127884
Ion Ratio Lower Upper
83 100
85 67.6 50.2 75.4
127 9.2 6.3 9.5

Manual Integrations
APPROVED

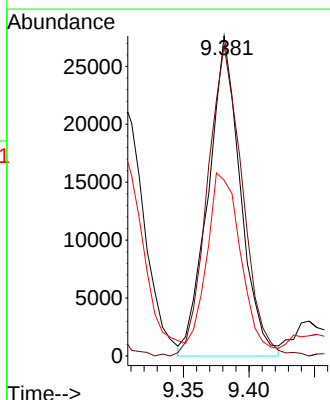
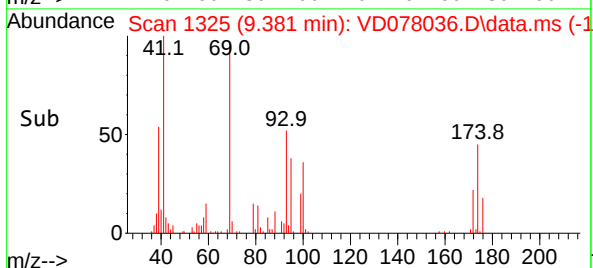
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

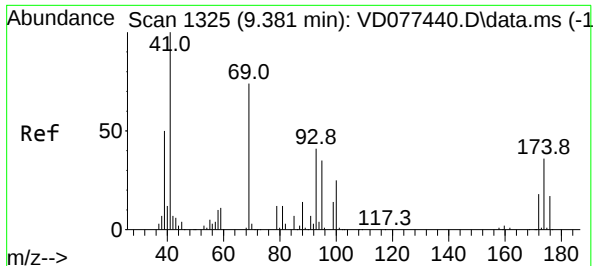


#48
Methyl methacrylate
Concen: 50.323 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



Tgt Ion: 41 Resp: 47117
Ion Ratio Lower Upper
41 100
69 104.8 102.2 153.2
39 61.4 41.4 62.2





#49

1,4-Dioxane

Concen: 962.954 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-13-14MSD

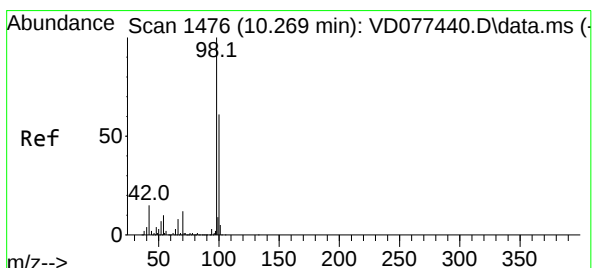
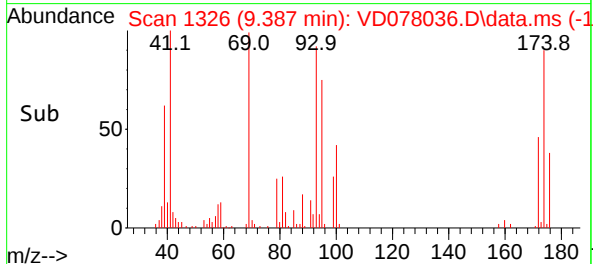
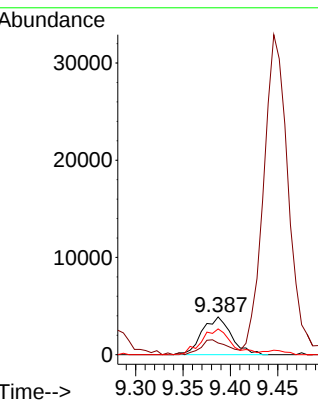
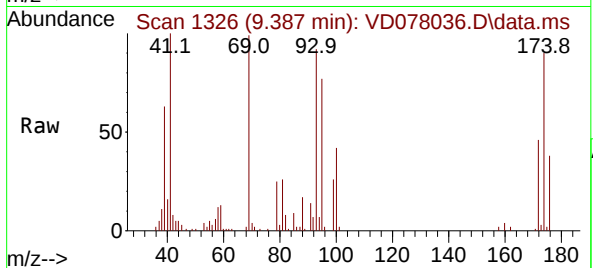
Tgt Ion: 88 Resp: 829

Ion	Ratio	Lower	Upper
88	100		
43	36.8	19.0	28.6
58	69.3	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#50

Toluene-d8

Concen: 55.833 ug/l

RT: 10.269 min Scan# 1476

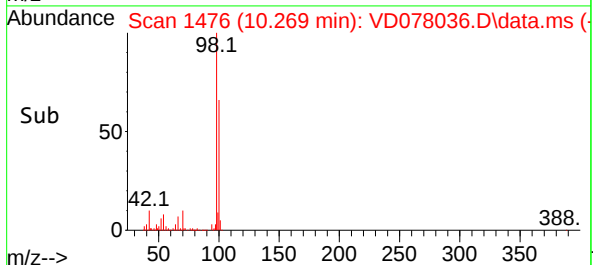
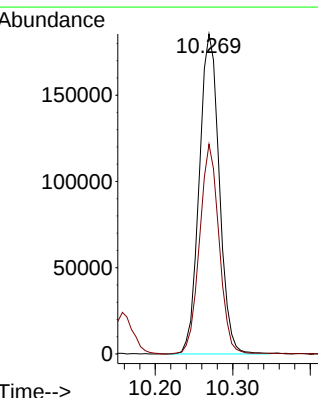
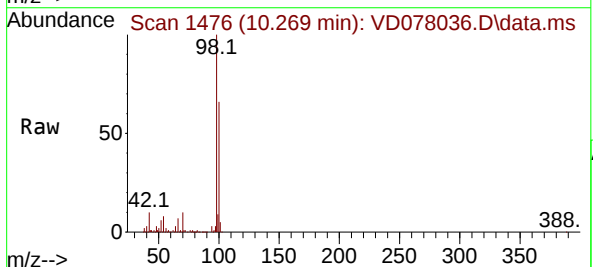
Delta R.T. 0.000 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Tgt Ion: 98 Resp: 332206

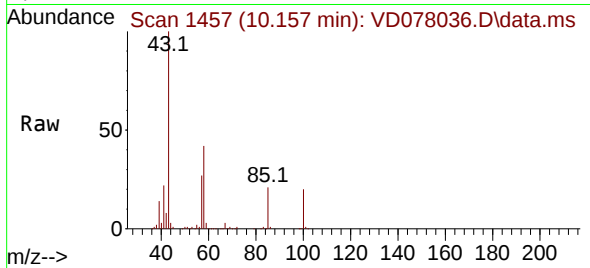
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 256.221 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

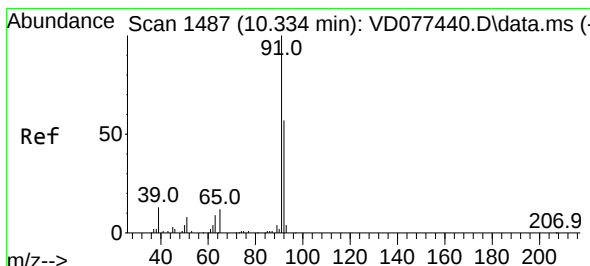
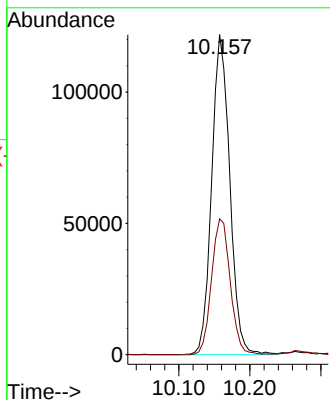
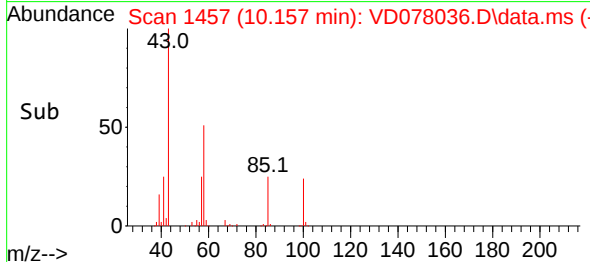
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



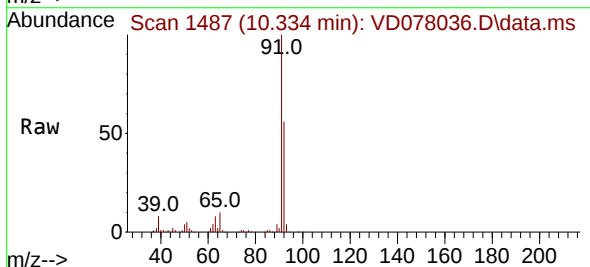
Tgt Ion: 43 Resp: 215384
Ion Ratio Lower Upper
43 100
58 43.9 38.9 58.3

Manual Integrations
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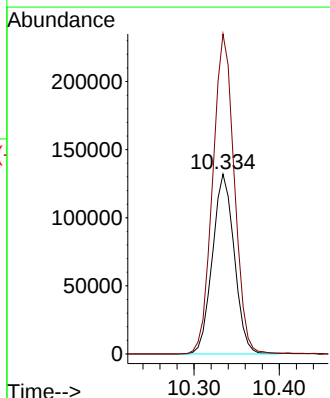
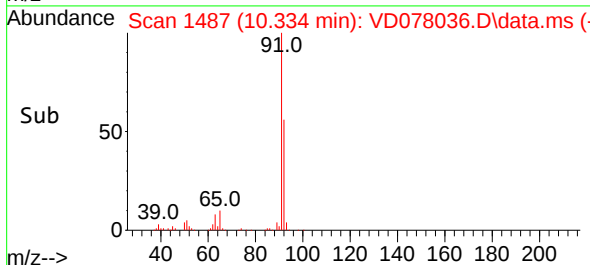
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

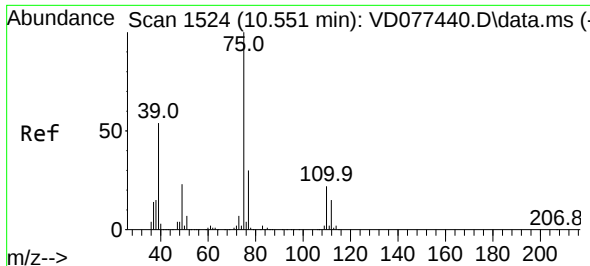


#52
Toluene
Concen: 56.154 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



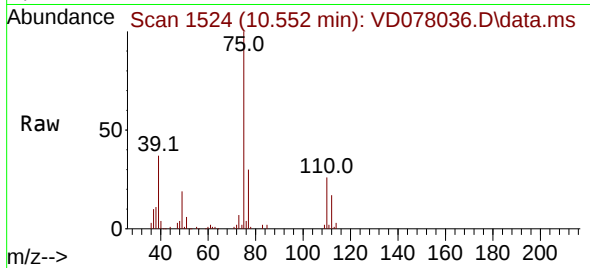
Tgt Ion: 92 Resp: 234927
Ion Ratio Lower Upper
92 100
91 176.5 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 55.617 ug/l
RT: 10.552 min Scan# 117438
Delta R.T. 0.001 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

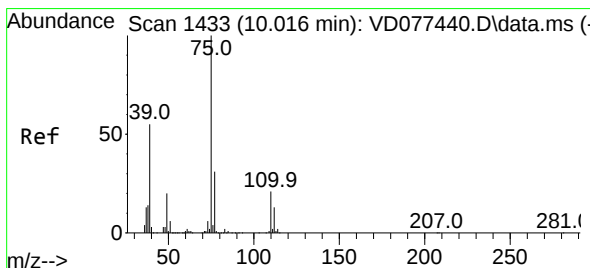
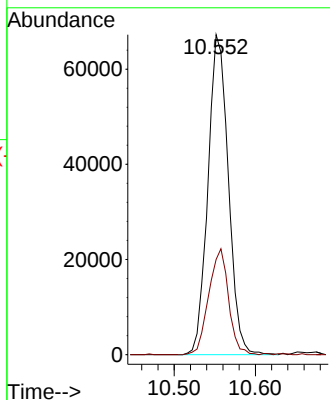
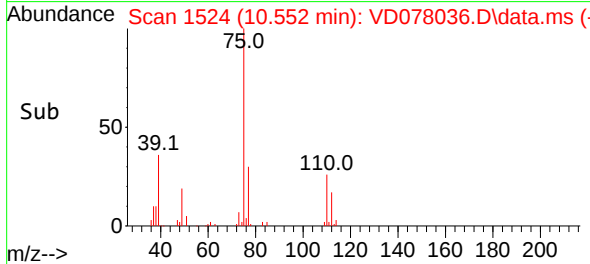
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



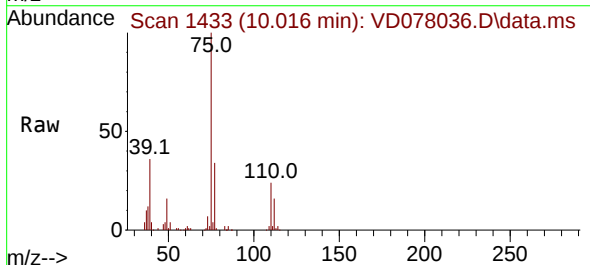
Tgt Ion: 75 Resp: 117438
Ion Ratio Lower Upper
75 100
77 29.7 25.3 37.9

Manual Integrations
APPROVED

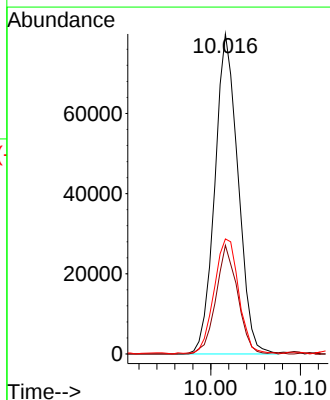
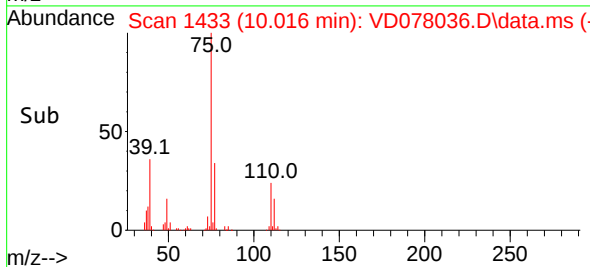
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

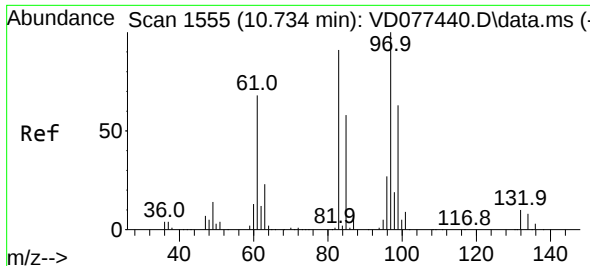


#54
cis-1,3-Dichloropropene
Concen: 56.285 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



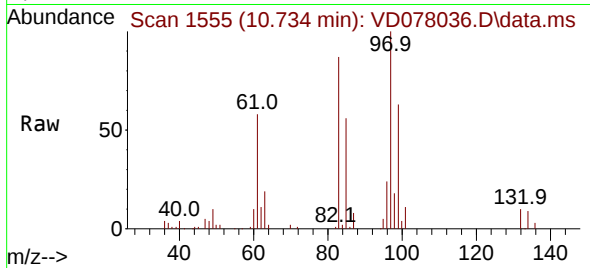
Tgt Ion: 75 Resp: 143691
Ion Ratio Lower Upper
75 100
77 34.0 25.5 38.3
39 35.6 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 59.524 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

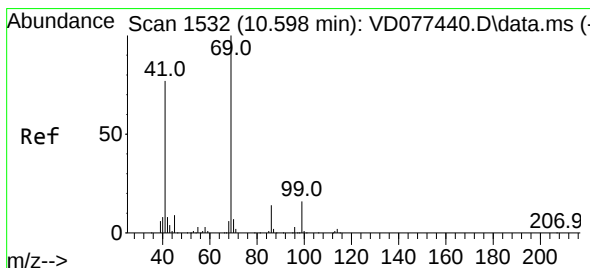
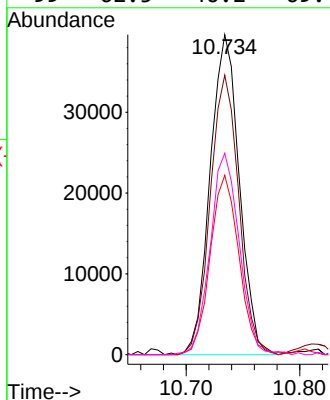
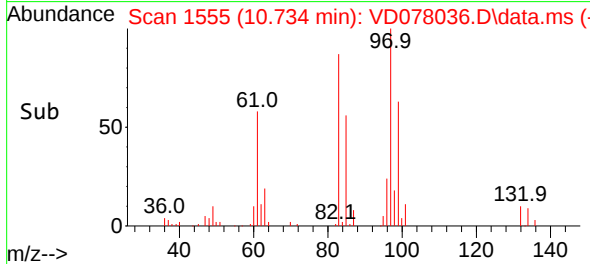
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



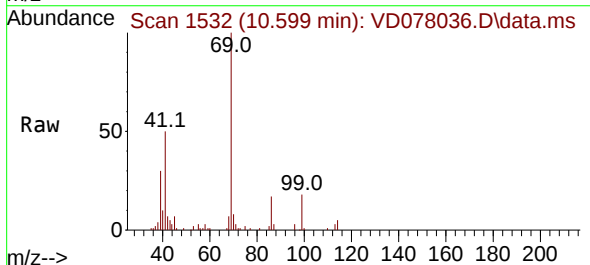
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	65.8	98.6
85	56.0	45.7	68.5
99	62.5	46.2	69.4

Manual Integrations
APPROVED

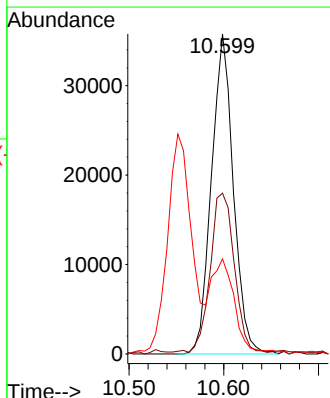
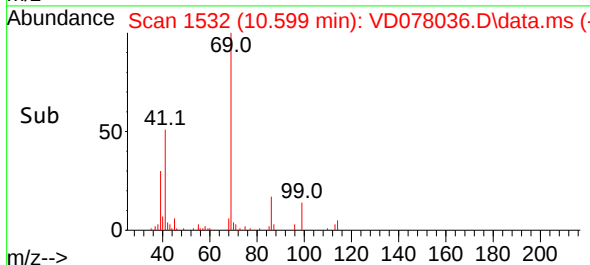
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

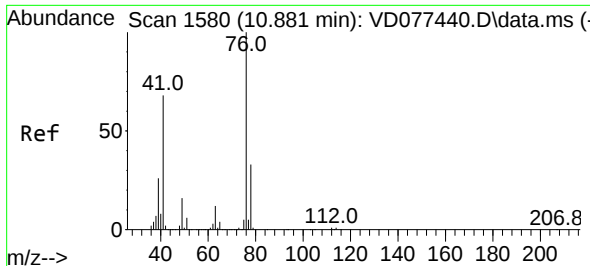


#56
Ethyl methacrylate
Concen: 54.909 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



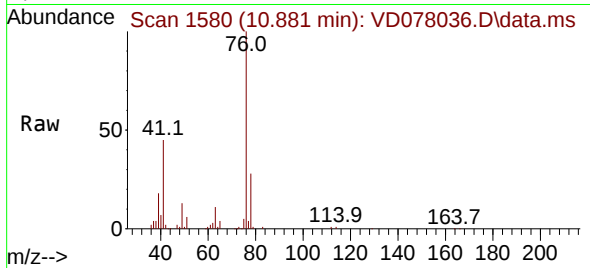
Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.6	39.1	58.7
39	31.5	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 57.971 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

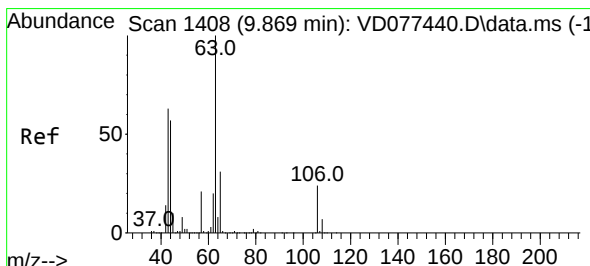
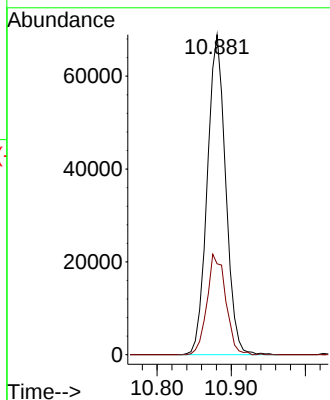
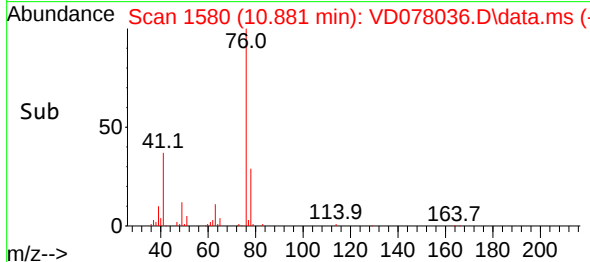
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion: 76 Resp: 118579
Ion Ratio Lower Upper
76 100
78 32.0 26.4 39.6

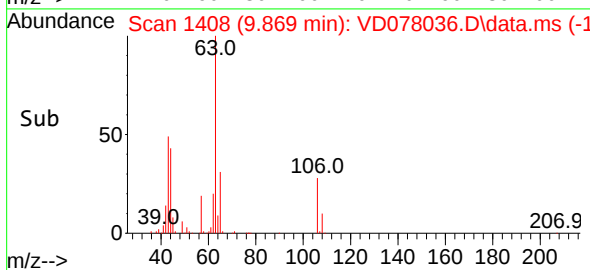
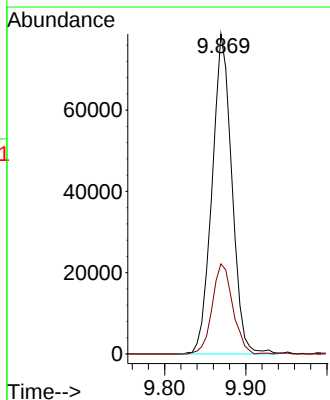
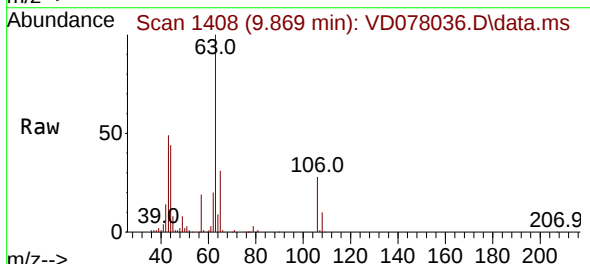
Manual Integrations
APPROVED

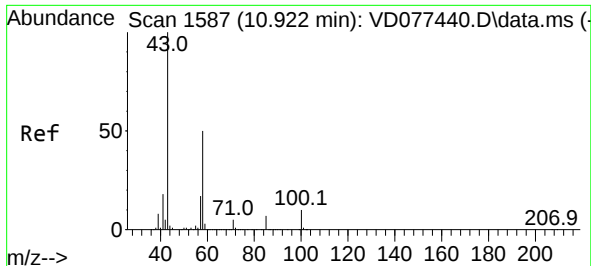
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 224.135 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

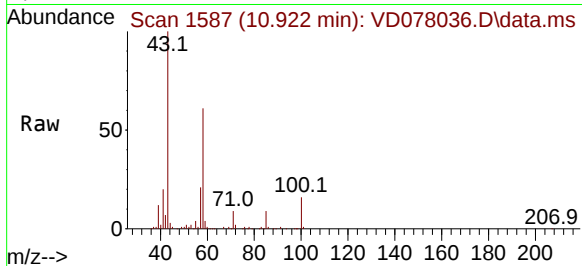
Tgt Ion: 63 Resp: 133704
Ion Ratio Lower Upper
63 100
106 29.1 25.3 37.9





#59
2-Hexanone
Concen: 219.588 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

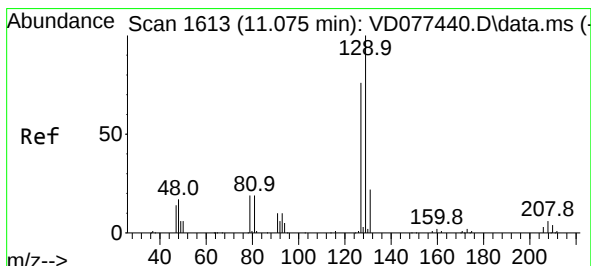
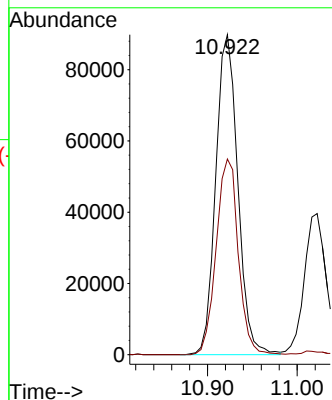
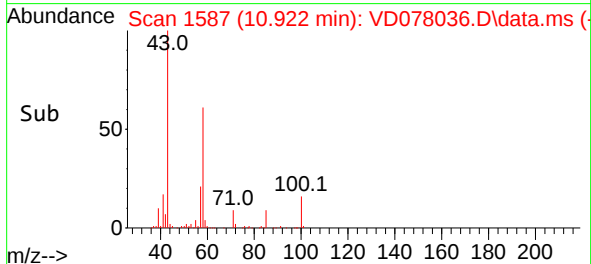
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion: 43 Resp: 153144
Ion Ratio Lower Upper
43 100
58 61.5 34.1 102.2

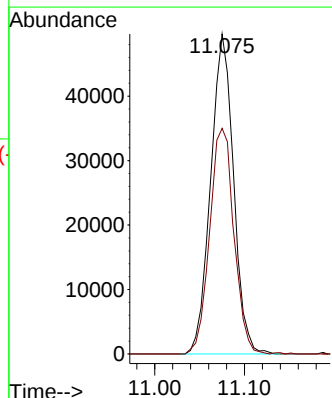
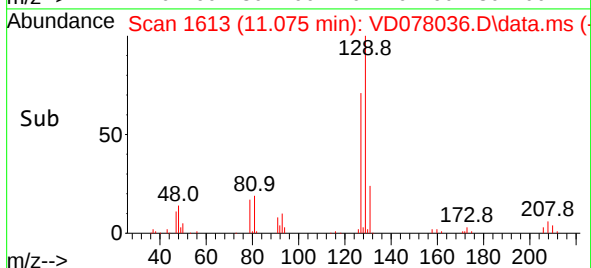
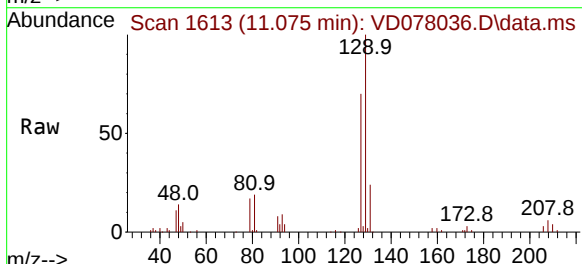
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#60
Dibromochloromethane
Concen: 61.483 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

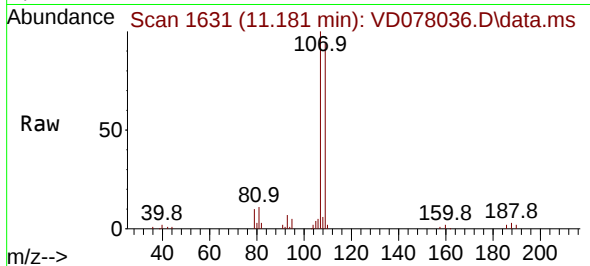
Tgt Ion:129 Resp: 87839
Ion Ratio Lower Upper
129 100
127 74.6 37.1 111.5





#61
1,2-Dibromoethane
Concen: 59.581 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

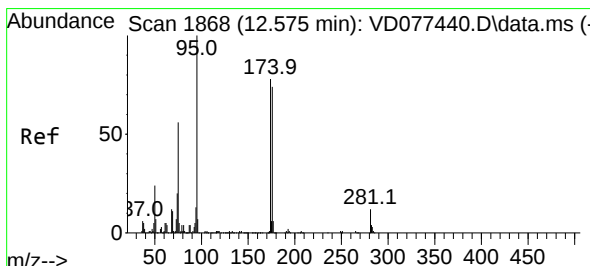
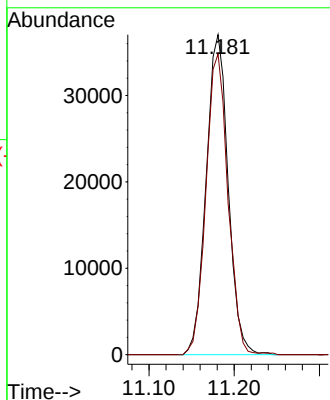
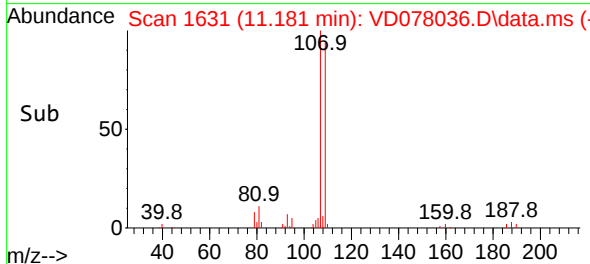
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



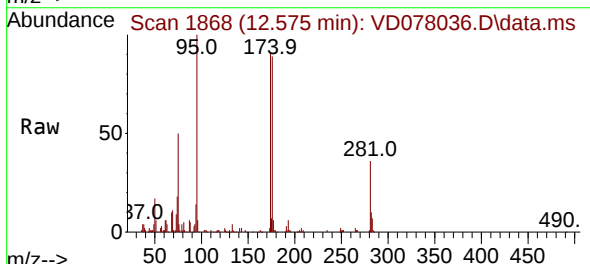
Tgt Ion: 107 Resp: 66552
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

Manual Integrations
APPROVED

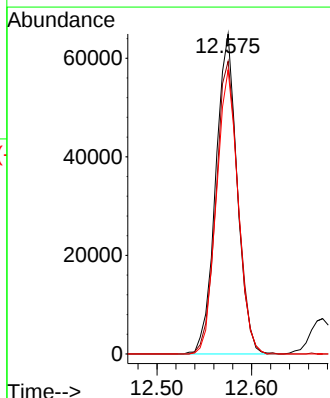
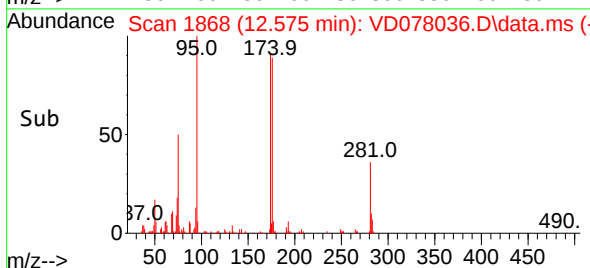
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

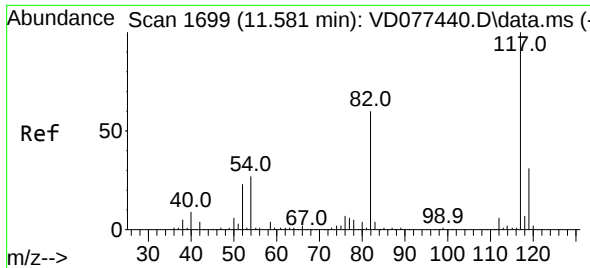


#62
4-Bromofluorobenzene
Concen: 57.586 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



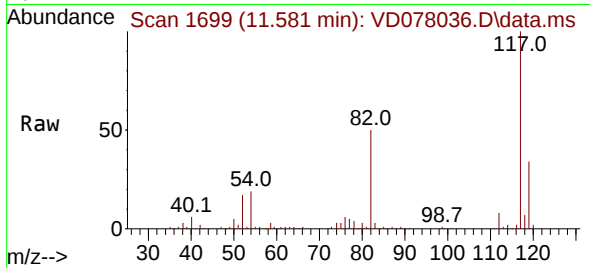
Tgt Ion: 95 Resp: 102440
Ion Ratio Lower Upper
95 100
174 93.4 0.0 201.8
176 89.5 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

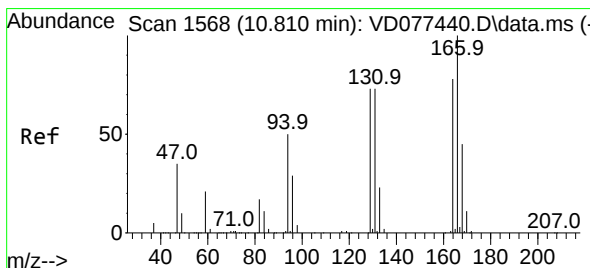
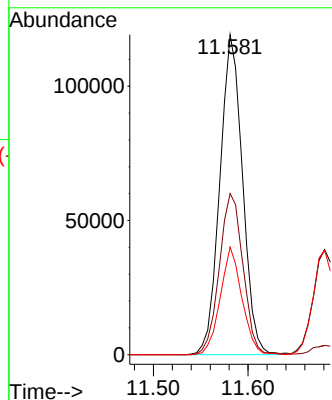
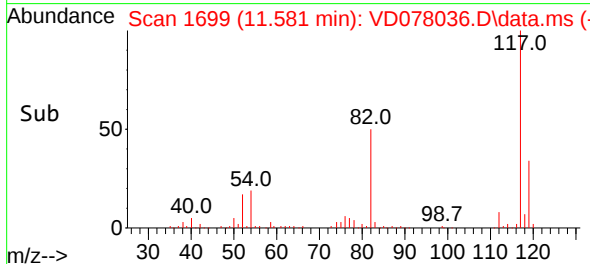
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



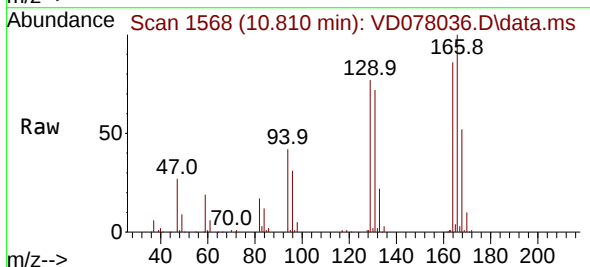
Tgt Ion:117 Resp: 19841
Ion Ratio Lower Upper
117 100
82 50.4 38.3 57.5
119 33.6 25.0 37.4

Manual Integrations
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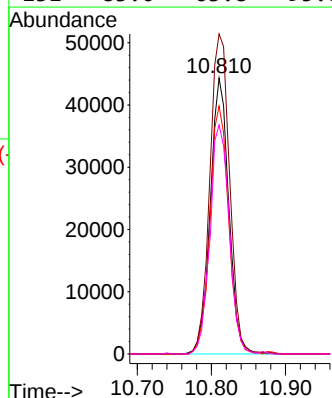
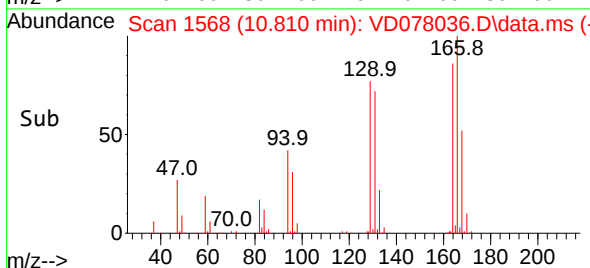
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

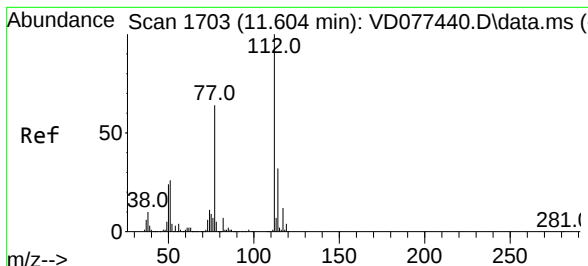


#64
Tetrachloroethene
Concen: 52.888 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



Tgt Ion:164 Resp: 77127
Ion Ratio Lower Upper
164 100
166 116.0 99.2 148.8
129 89.9 68.4 102.6
131 83.0 63.8 95.8





#65

Chlorobenzene

Concen: 54.276 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-13-14MSD

Tgt Ion:112 Resp: 253110

Ion Ratio Lower Upper

112 100

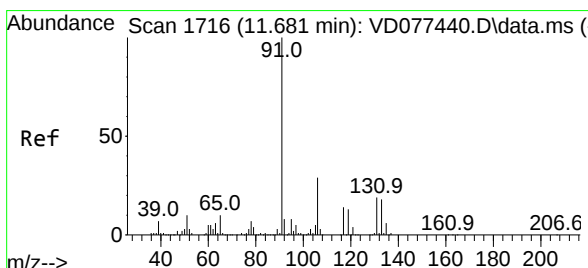
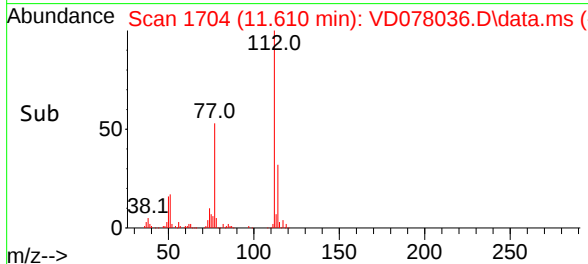
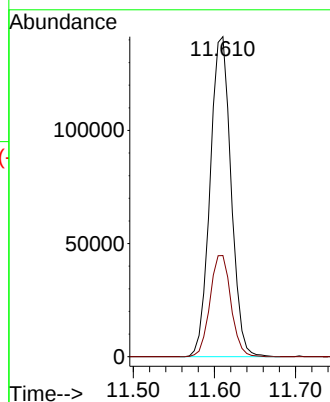
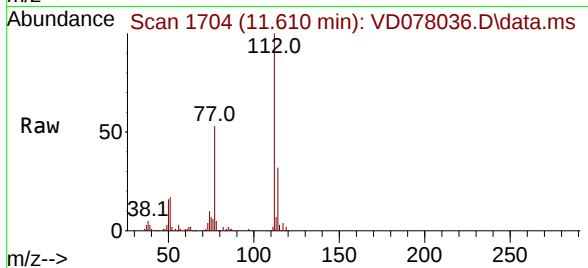
114 31.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 58.103 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

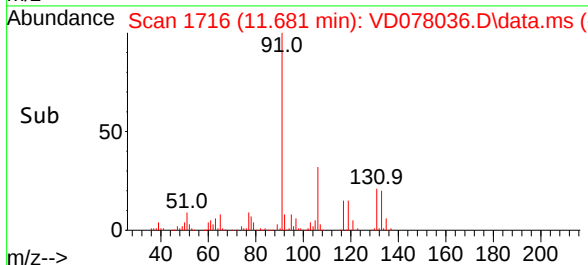
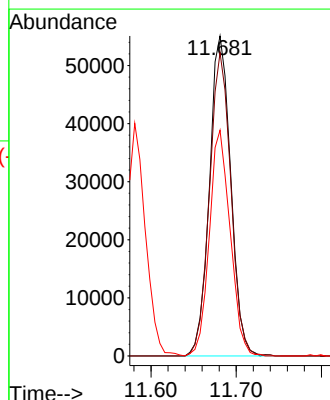
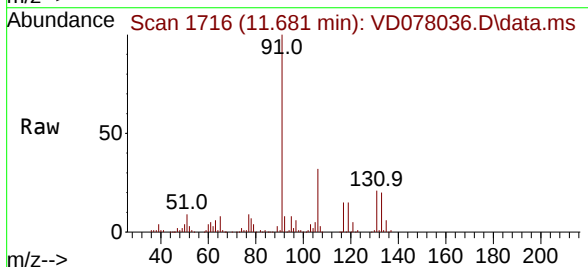
Tgt Ion:131 Resp: 95865

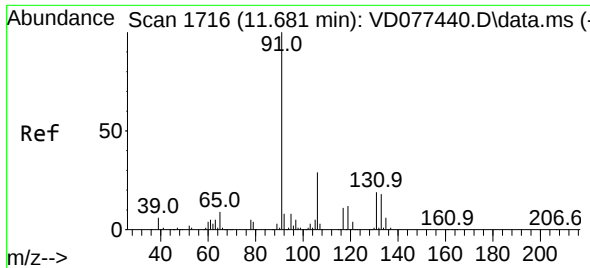
Ion Ratio Lower Upper

131 100

133 95.2 48.5 145.5

119 69.0 35.6 106.9





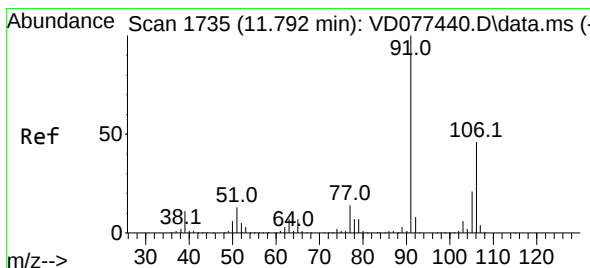
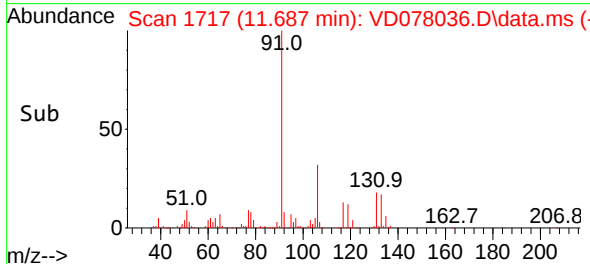
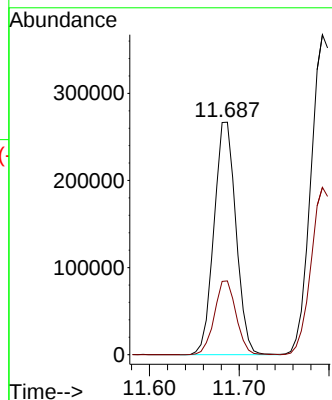
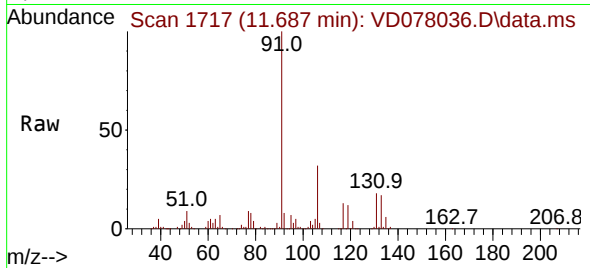
#67
Ethyl Benzene
Concen: 54.957 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD

Tgt Ion: 91 Resp: 45397
Ion Ratio Lower Upper
91 100
106 31.8 26.5 39.7

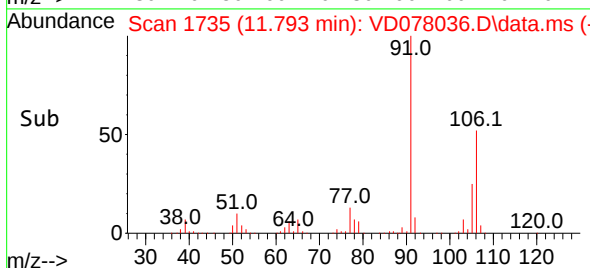
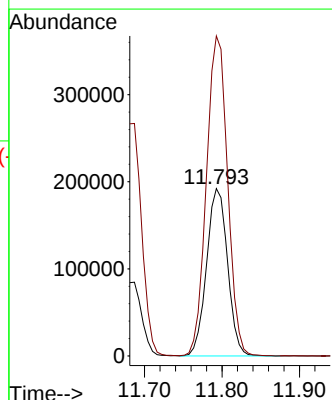
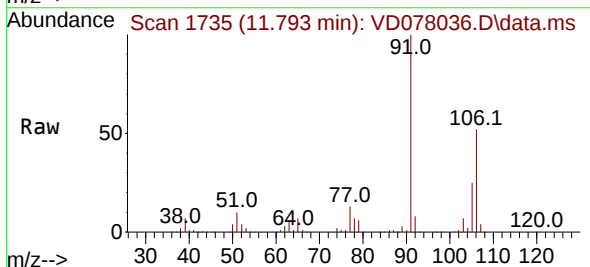
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#68
m/p-Xylenes
Concen: 114.322 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

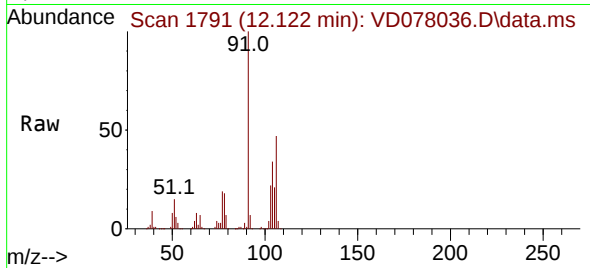
Tgt Ion:106 Resp: 361220
Ion Ratio Lower Upper
106 100
91 193.1 147.0 220.6





#69
o-Xylene
Concen: 57.134 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

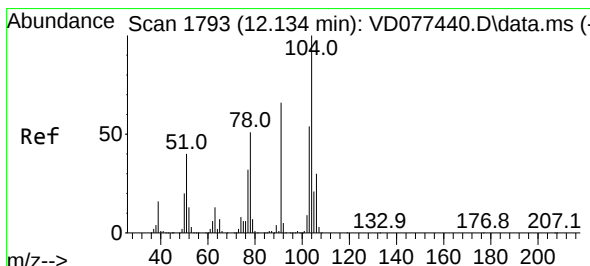
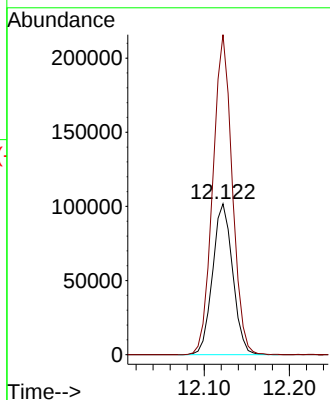
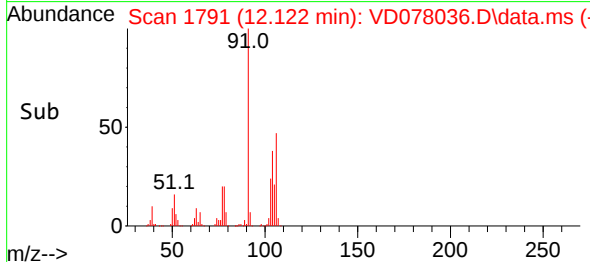
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion:106 Resp: 166374
Ion Ratio Lower Upper
106 100
91 205.4 97.9 293.6

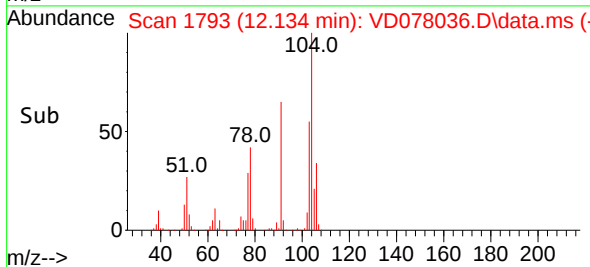
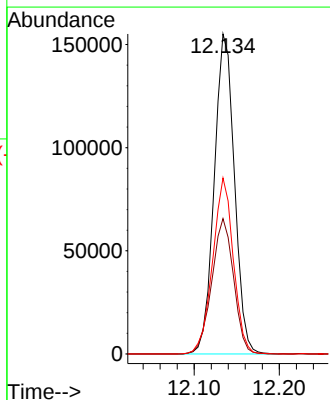
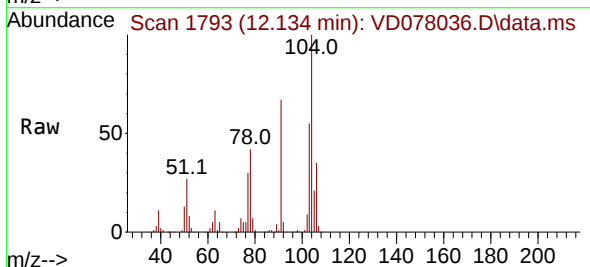
Manual Integrations
APPROVED

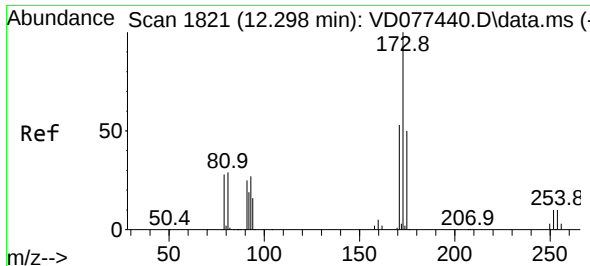
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#70
Styrene
Concen: 59.103 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

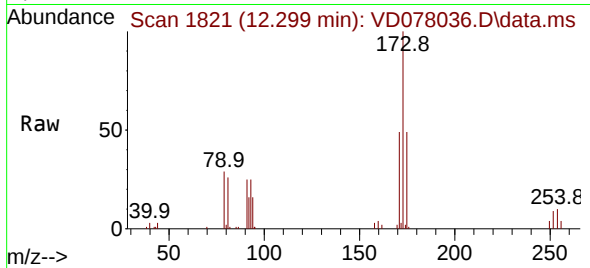
Tgt Ion:104 Resp: 255917
Ion Ratio Lower Upper
104 100
78 45.6 33.2 49.8
103 56.3 43.6 65.4





#71
Bromoform
Concen: 58.198 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

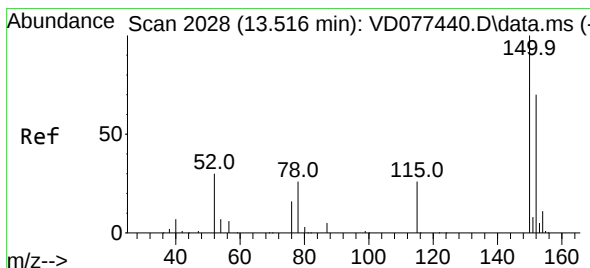
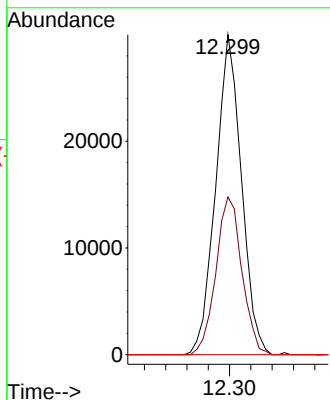
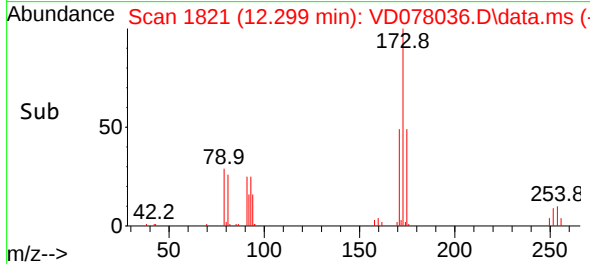
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



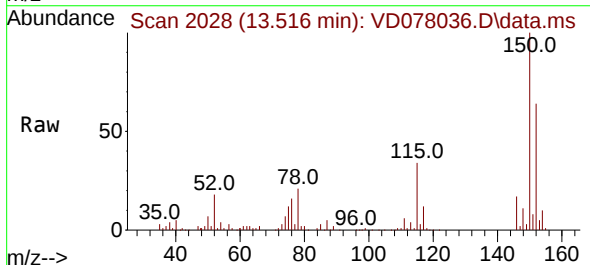
Tgt Ion:173 Resp: 50172
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
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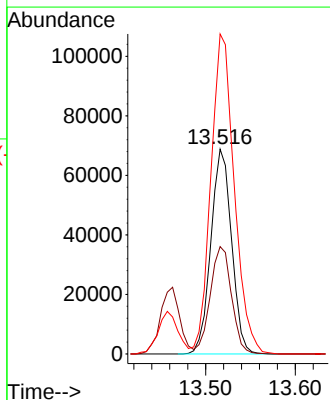
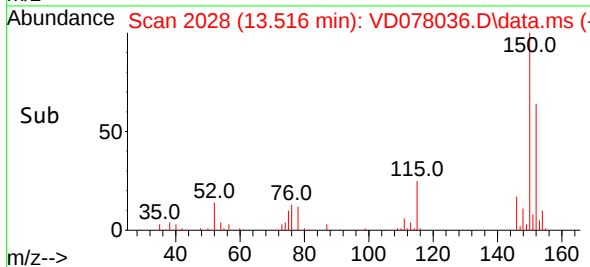
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

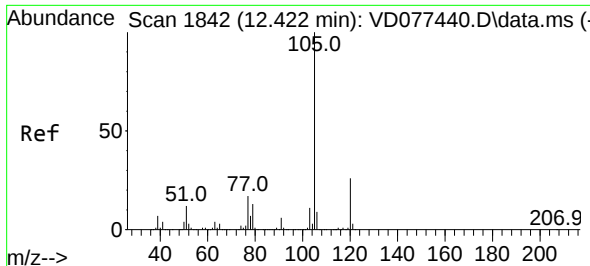


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



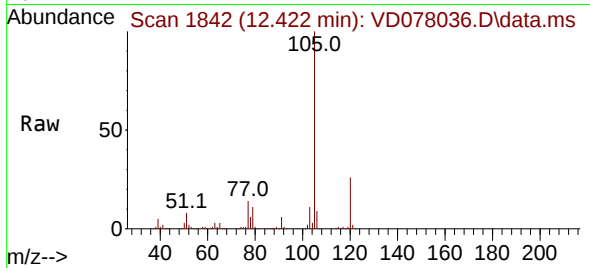
Tgt Ion:152 Resp: 110366
Ion Ratio Lower Upper
152 100
115 53.6 27.1 81.3
150 176.6 0.0 353.6





#73
Isopropylbenzene
Concen: 52.665 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

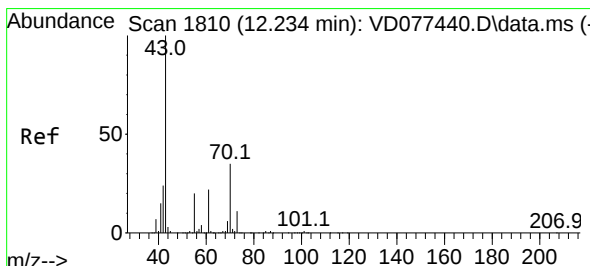
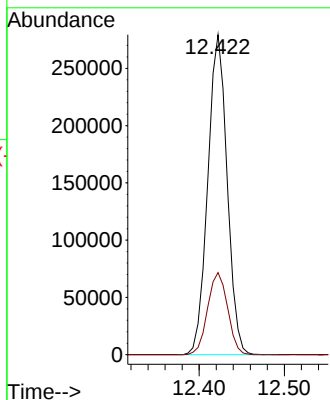
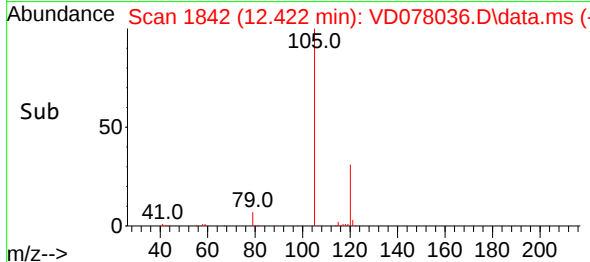
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



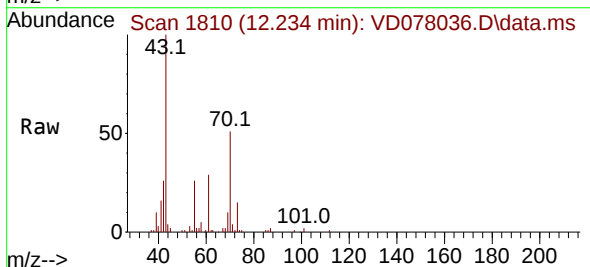
Tgt Ion:105 Resp: 44053
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9

Manual Integrations
APPROVED

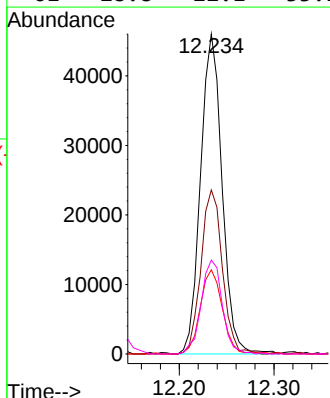
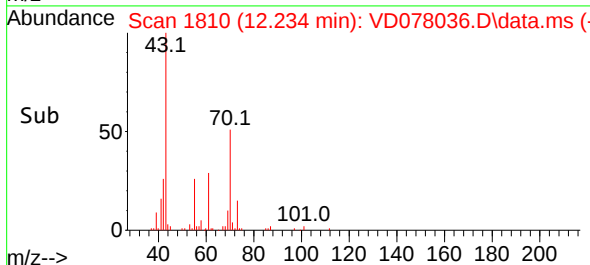
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

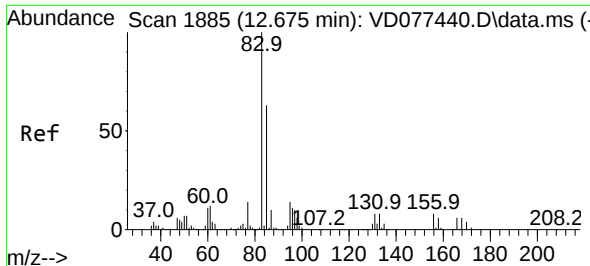


#74
N-ethyl acetate
Concen: 44.120 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



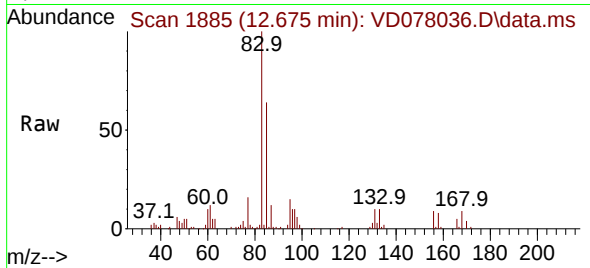
Tgt Ion: 43 Resp: 72545
Ion Ratio Lower Upper
43 100
70 50.9 45.0 67.4
55 26.8 23.8 35.6
61 28.8 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 55.375 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

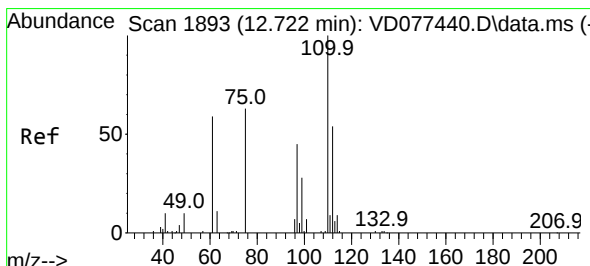
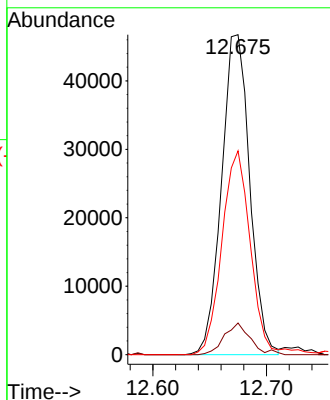
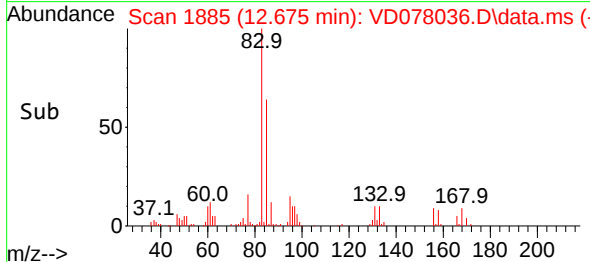
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



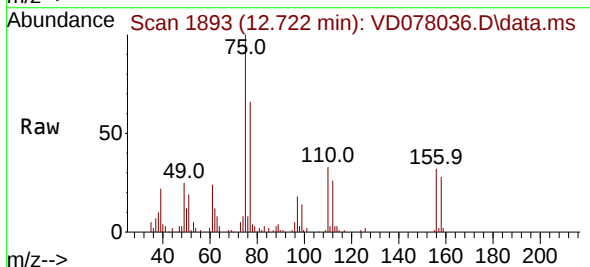
Tgt Ion: 83 Resp: 8076
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 64.8 32.6 97.8

Manual Integrations
APPROVED

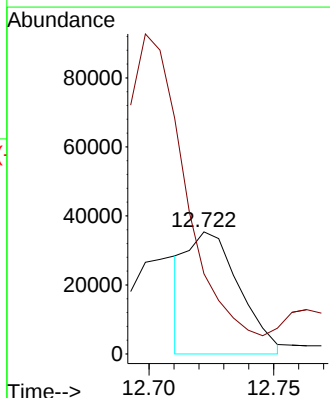
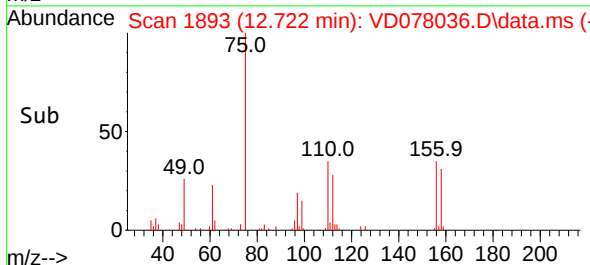
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

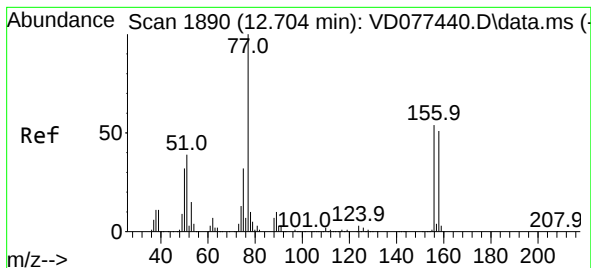


#76
1,2,3-Trichloropropane
Concen: 53.847 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



Tgt Ion: 75 Resp: 51614
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.517 ug/l

RT: 12.699 min Scan# 1890

Delta R.T. -0.005 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

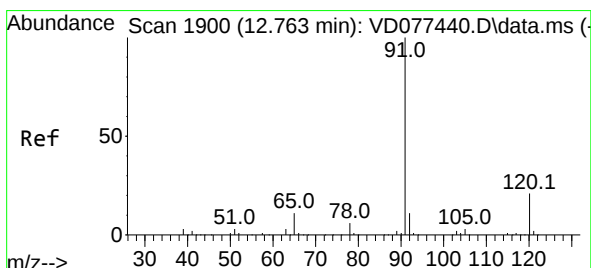
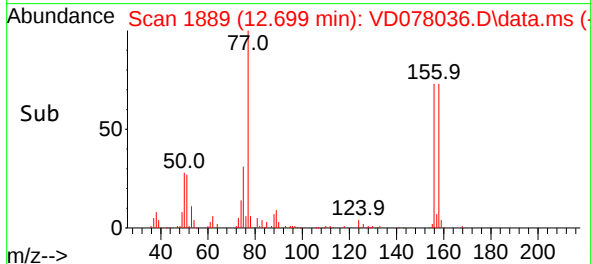
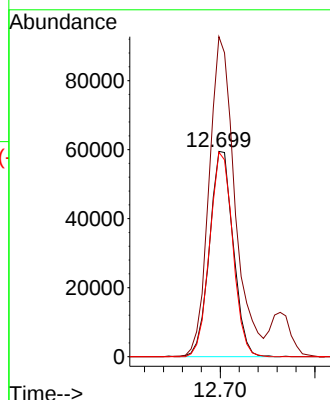
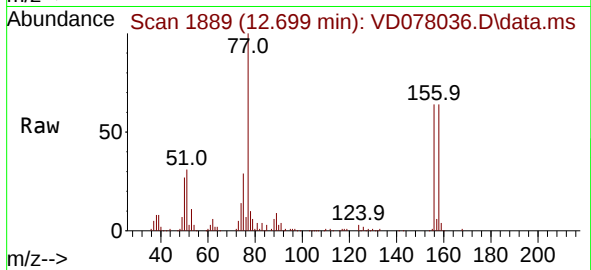
RT-SB-04-13-14MSD

Tgt Ion:	156	Resp:	10332
Ion Ratio	Lower	Upper	
156	100		
77	169.6	76.8	230.4
158	97.0	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#78

n-propylbenzene

Concen: 52.977 ug/l

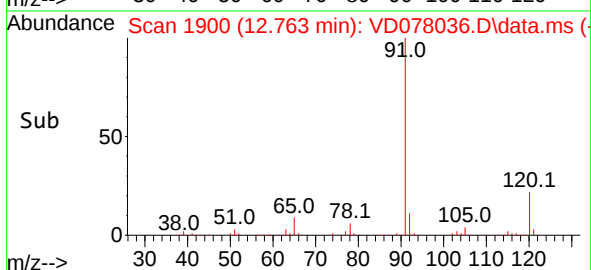
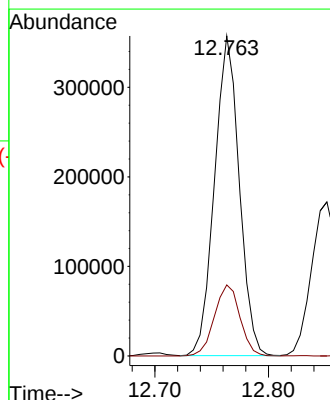
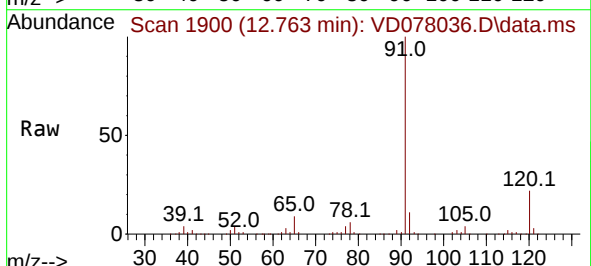
RT: 12.763 min Scan# 1900

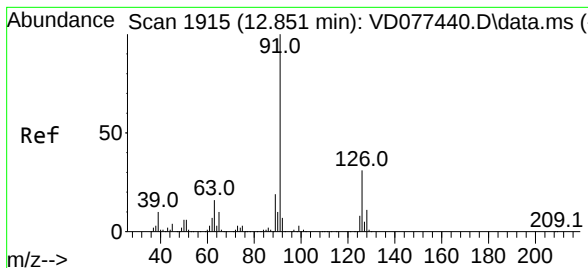
Delta R.T. 0.000 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Tgt Ion:	91	Resp:	539982
Ion Ratio	Lower	Upper	
91	100		
120	23.0	12.4	37.2





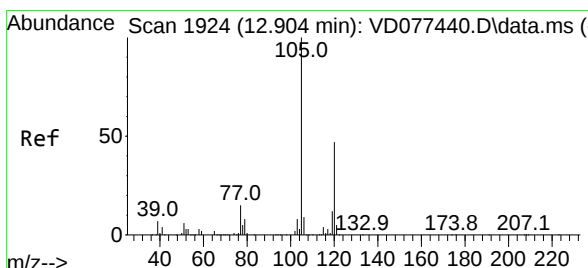
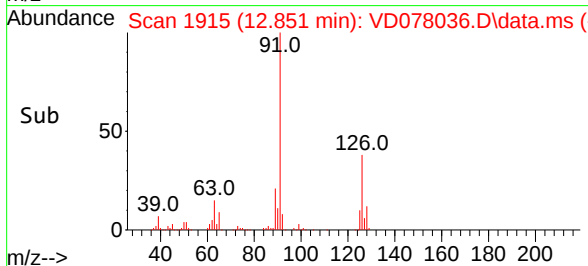
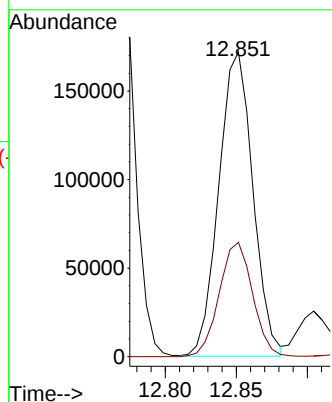
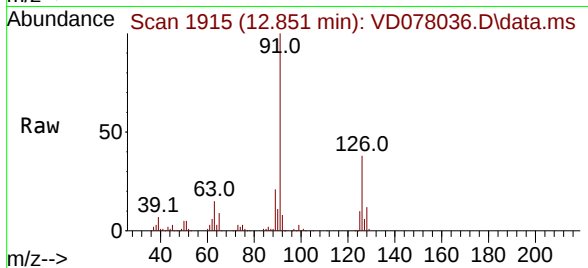
#79
2-Chlorotoluene
Concen: 52.456 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD

Tgt Ion: 91 Resp: 28653
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1

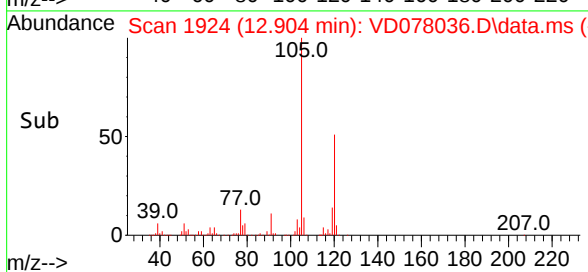
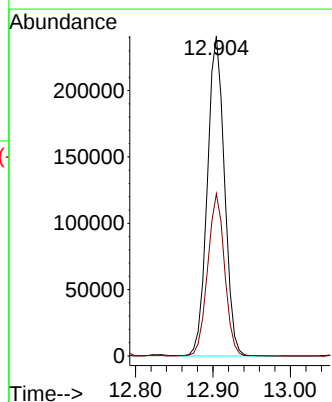
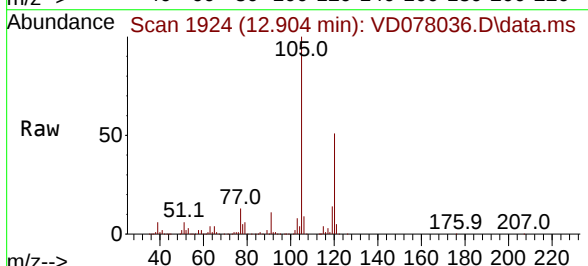
Manual Integrations
APPROVED

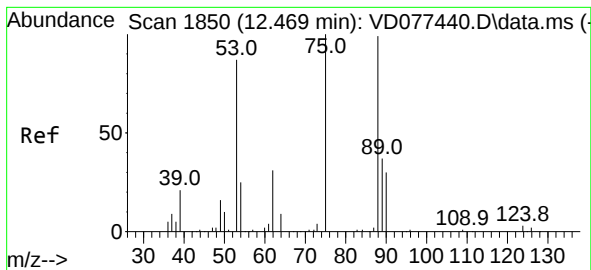
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.942 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

Tgt Ion:105 Resp: 369349
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2





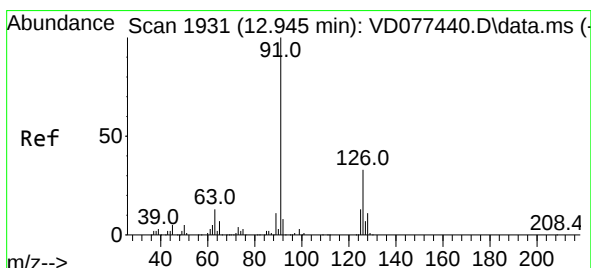
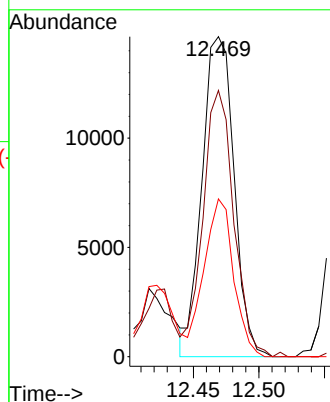
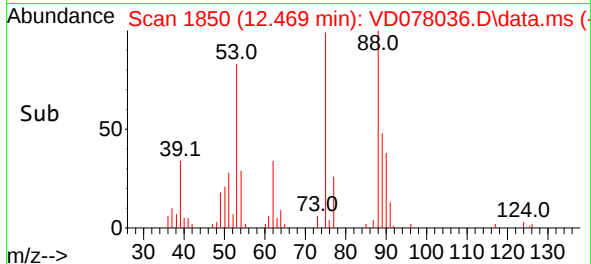
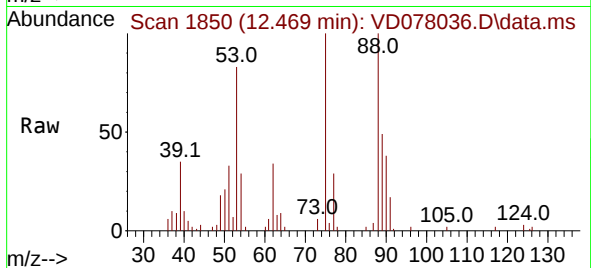
#81
trans-1,4-Dichloro-2-butene
Concen: 52.579 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

Instrument : MSVOA_D
ClientSampleId : RT-SB-04-13-14MSD

Tgt Ion: 75 Resp: 2487
Ion Ratio Lower Upper
75 100
53 80.5 63.0 94.4
89 45.2 37.9 56.9

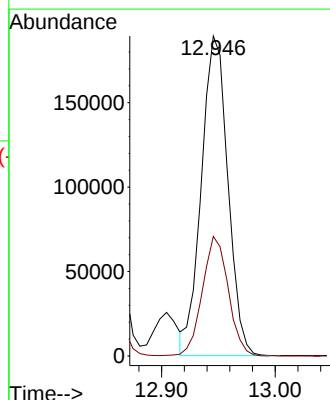
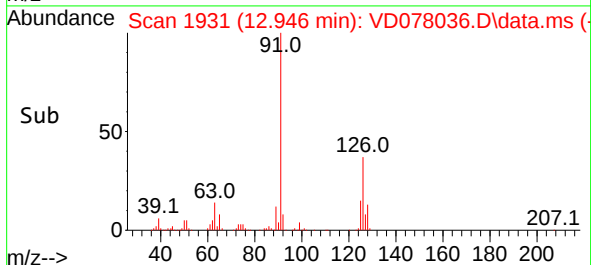
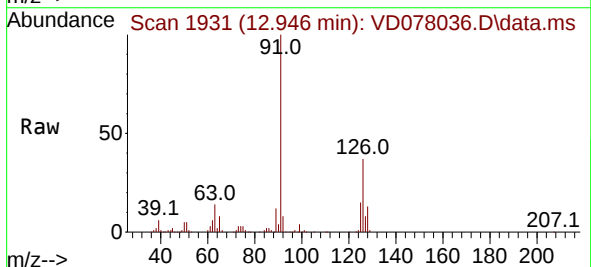
Manual Integrations
APPROVED

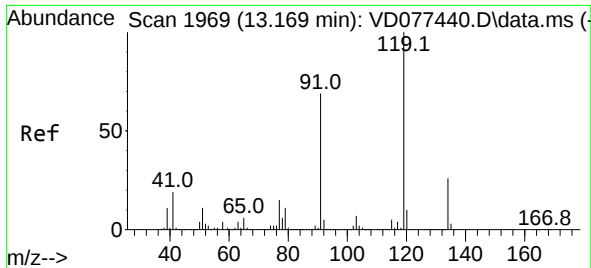
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#82
4-Chlorotoluene
Concen: 53.749 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

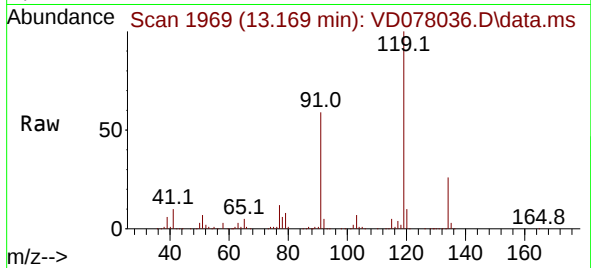
Tgt Ion: 91 Resp: 306937
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.4





#83
tert-Butylbenzene
Concen: 54.518 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

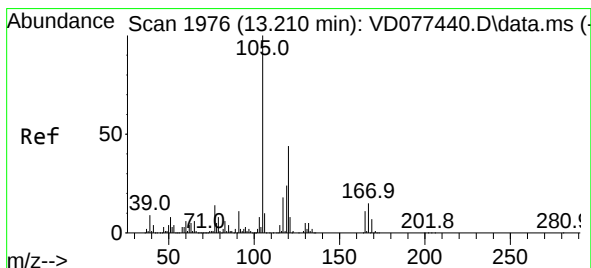
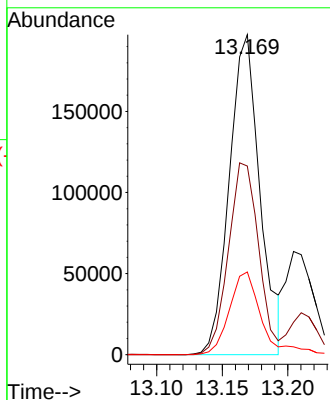
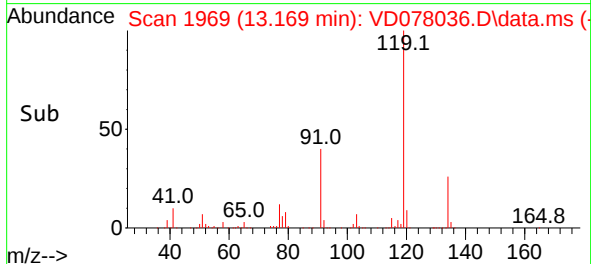
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



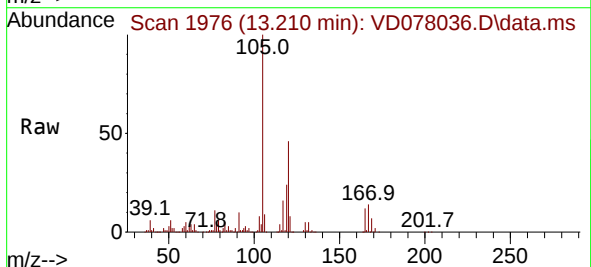
Tgt Ion:119 Resp: 32110
Ion Ratio Lower Upper
119 100
91 59.2 29.3 87.8
134 27.1 14.1 42.3

Manual Integrations
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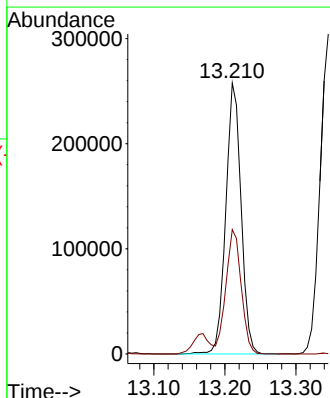
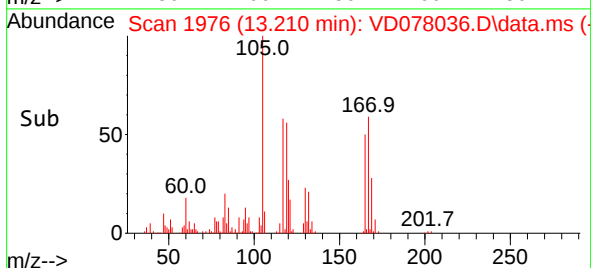
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

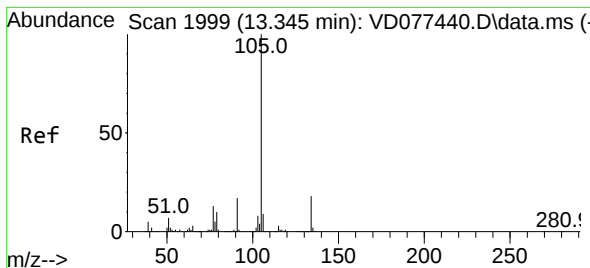


#84
1,2,4-Trimethylbenzene
Concen: 55.112 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



Tgt Ion:105 Resp: 384565
Ion Ratio Lower Upper
105 100
120 45.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 52.949 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.001 min

Lab File: VD078036.D

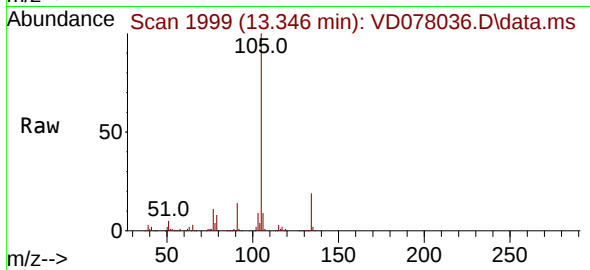
Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-13-14MSD



Tgt Ion:105 Resp: 460974

Ion Ratio Lower Upper

105 100

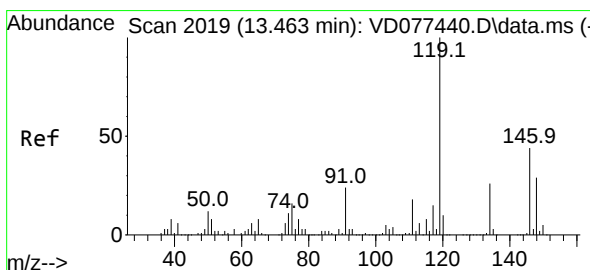
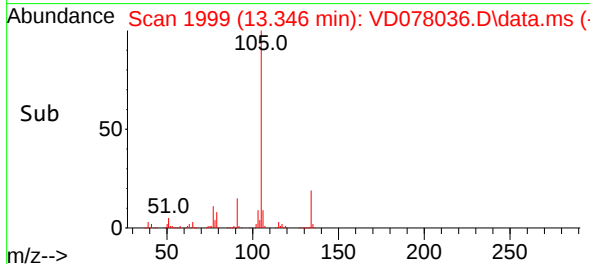
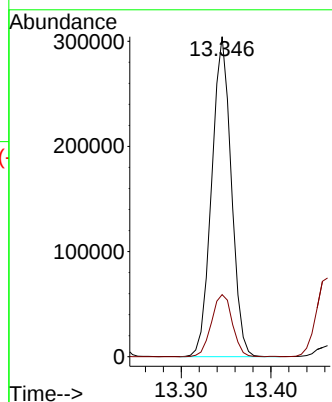
134 20.6 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#86

p-Isopropyltoluene

Concen: 53.381 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

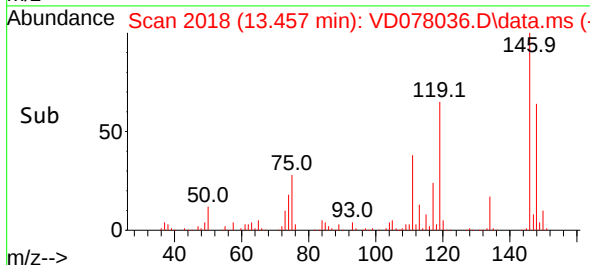
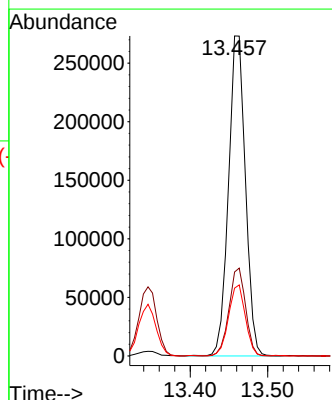
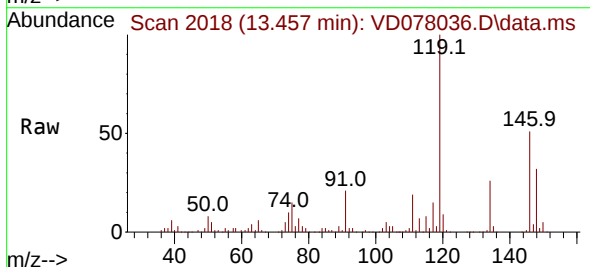
Tgt Ion:119 Resp: 416088

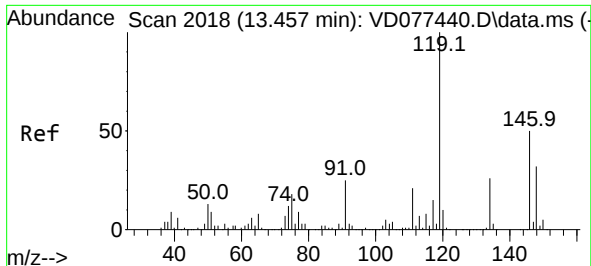
Ion Ratio Lower Upper

119 100

134 26.9 14.2 42.6

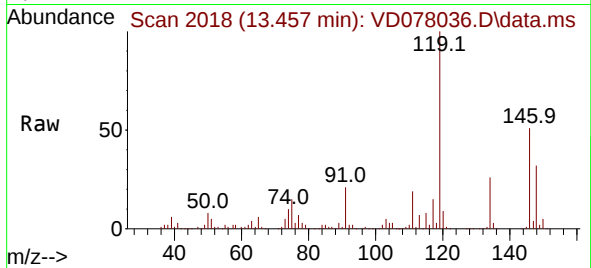
91 22.1 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 54.402 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

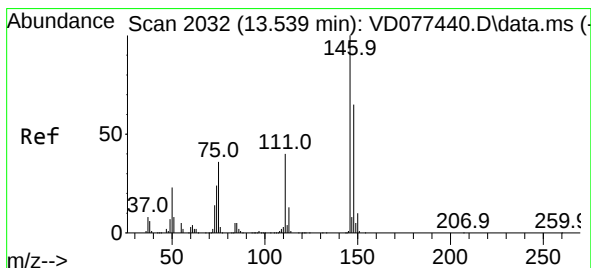
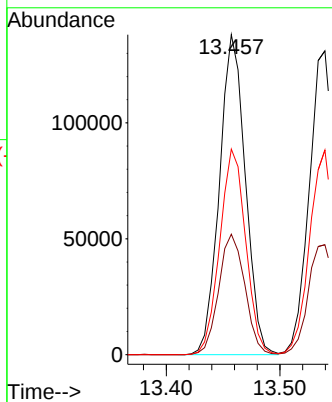
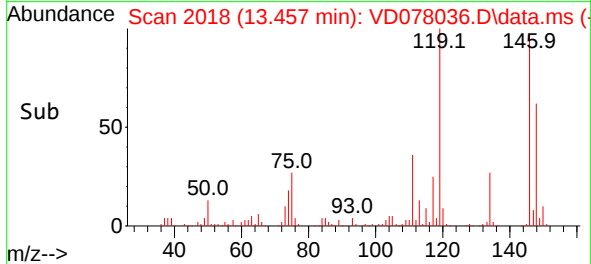
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



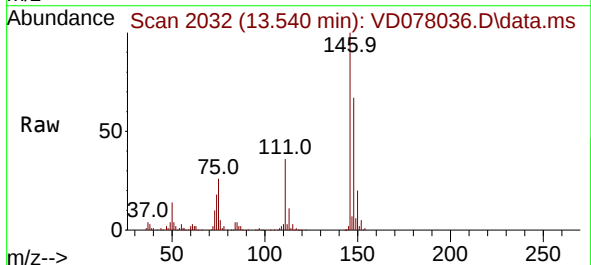
Tgt Ion:146 Resp: 21888
Ion Ratio Lower Upper
146 100
111 38.0 17.9 53.8
148 64.3 32.3 96.8

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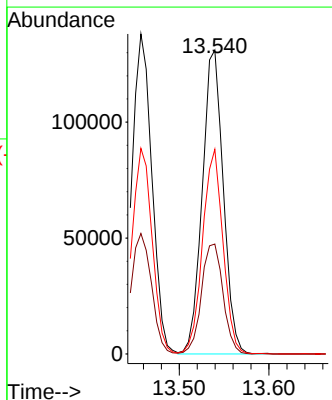
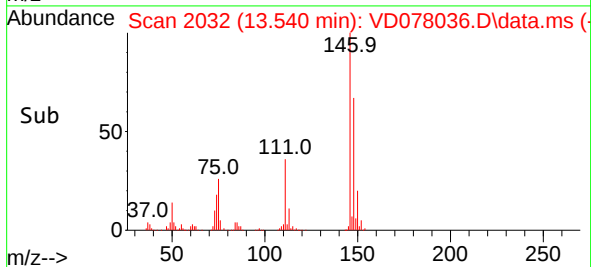
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#88
1,4-Dichlorobenzene
Concen: 53.157 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49



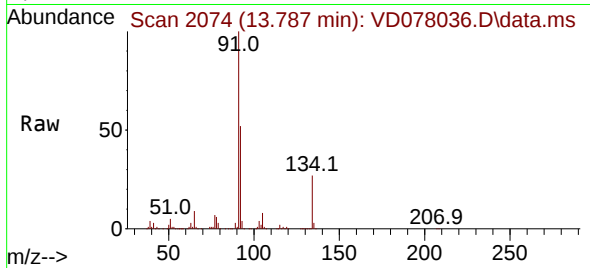
Tgt Ion:146 Resp: 213073
Ion Ratio Lower Upper
146 100
111 37.2 17.4 52.3
148 65.5 31.7 95.1





#89
n-Butylbenzene
Concen: 52.006 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

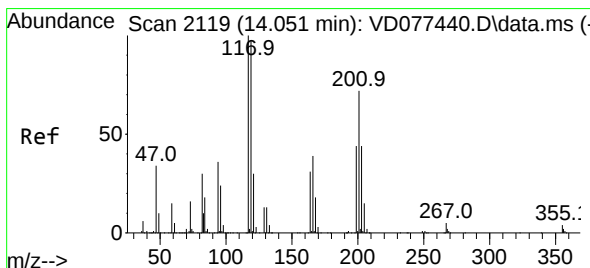
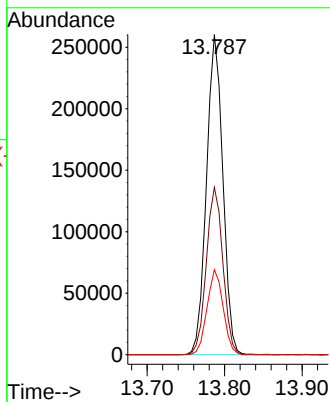
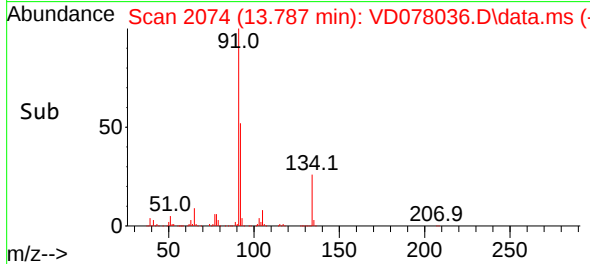
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion: 91 Resp: 38144
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 26.1 13.8 41.3

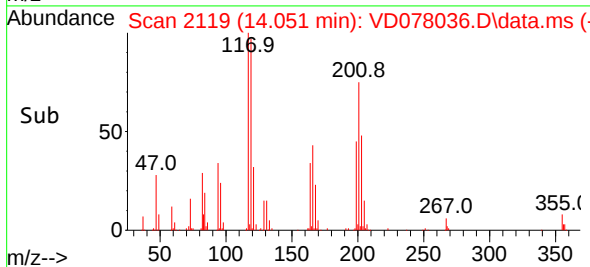
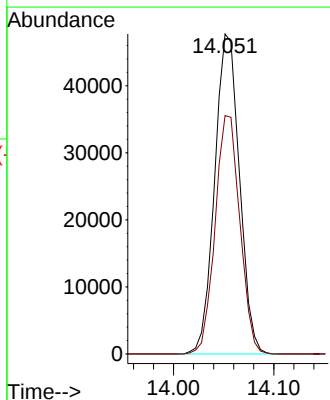
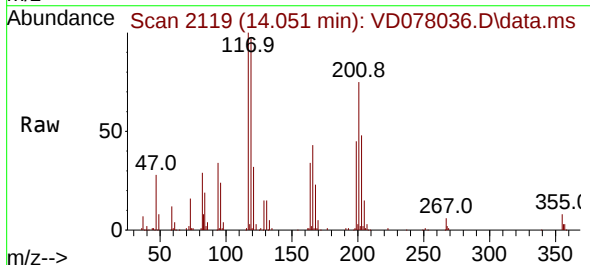
Manual Integrations
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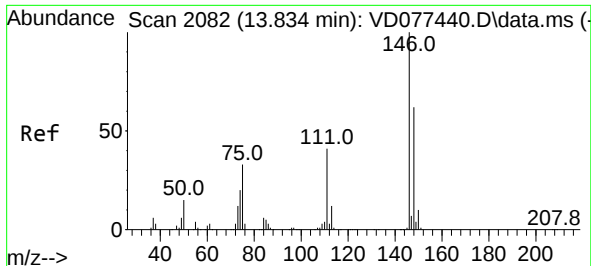
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#90
Hexachloroethane
Concen: 57.158 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

Tgt Ion:117 Resp: 81936
Ion Ratio Lower Upper
117 100
201 74.2 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 54.718 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-13-14MSD

Tgt Ion:146 Resp: 187240

Ion Ratio Lower Upper

146 100

111 38.5 18.3 54.8

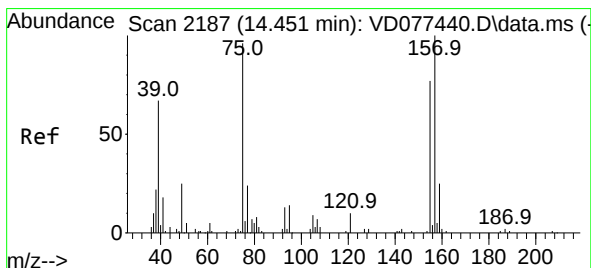
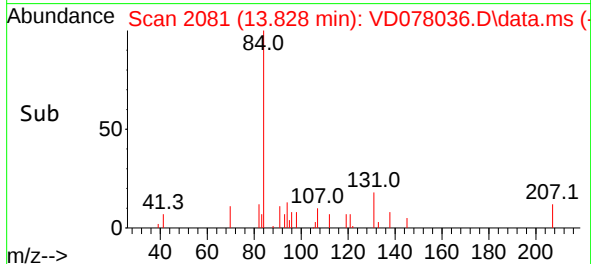
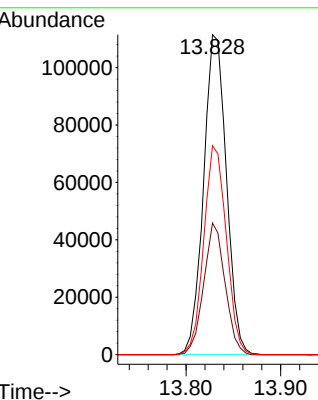
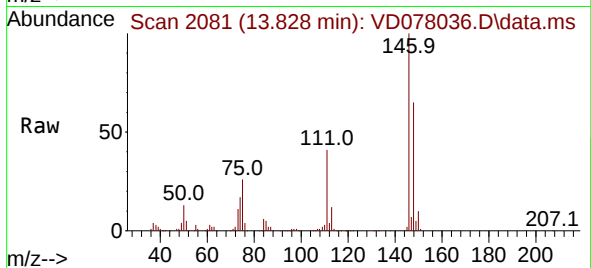
148 64.5 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.892 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

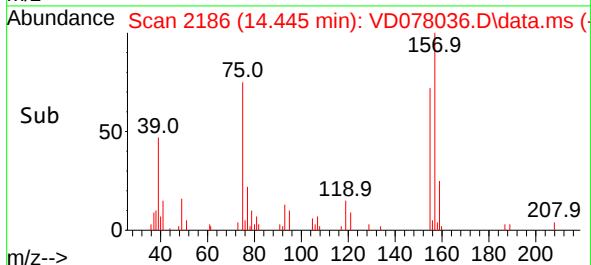
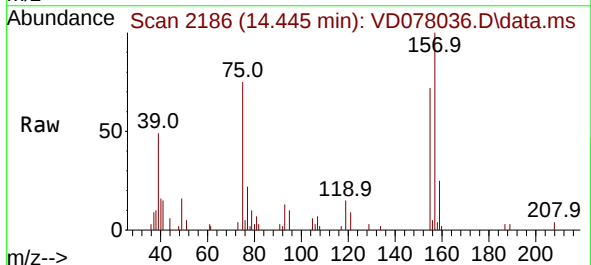
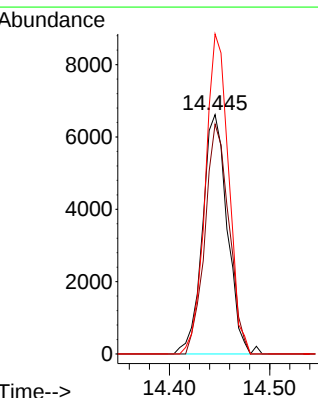
Tgt Ion: 75 Resp: 11370

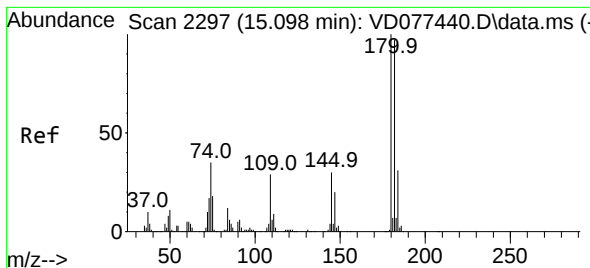
Ion Ratio Lower Upper

75 100

155 92.9 47.9 143.8

157 124.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.140 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078036.D

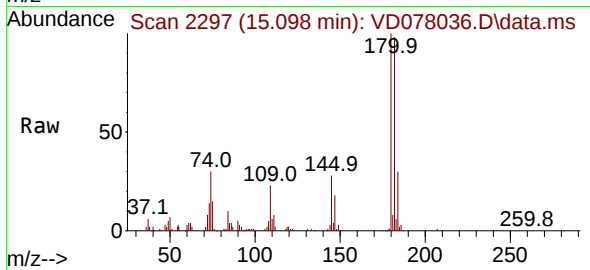
Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-13-14MSD



Tgt Ion:180 Resp: 114858

Ion Ratio Lower Upper

180 100

182 96.9 48.5 145.6

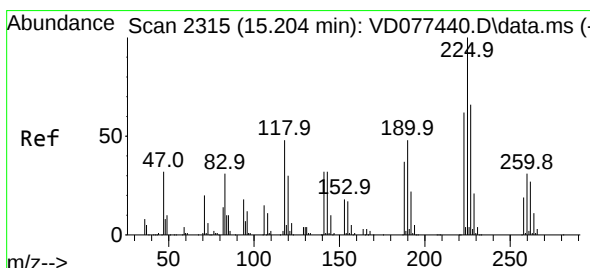
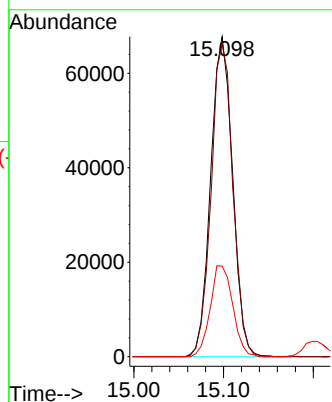
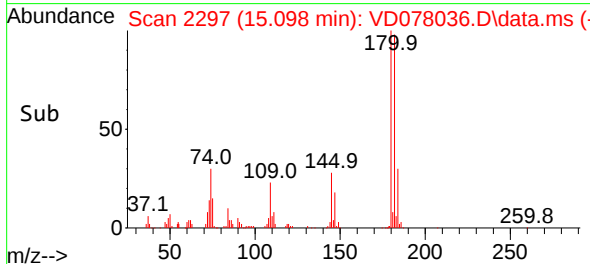
145 29.2 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#94

Hexachlorobutadiene

Concen: 47.562 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078036.D

Acq: 21 Dec 2023 19:49

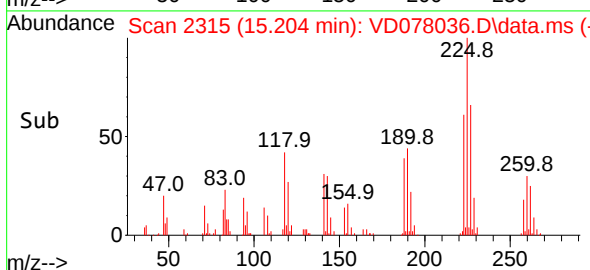
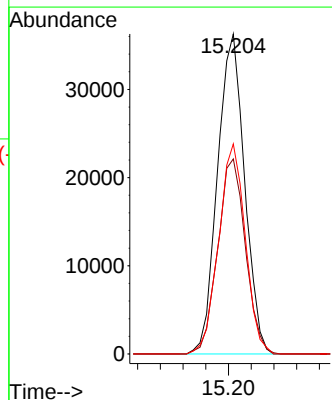
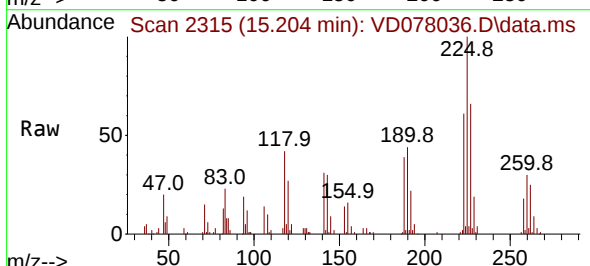
Tgt Ion:225 Resp: 59947

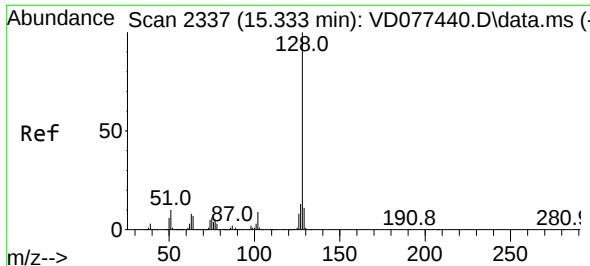
Ion Ratio Lower Upper

225 100

223 62.4 31.6 94.8

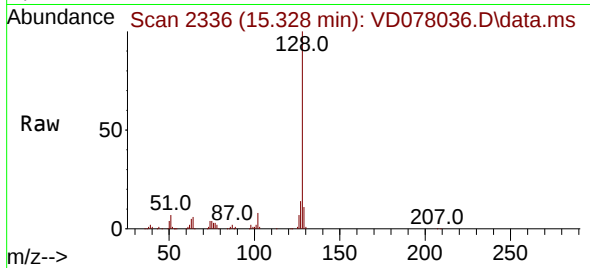
227 64.6 31.7 95.1





#95
Naphthalene
Concen: 54.575 ug/l
RT: 15.328 min Scan# 21194
Delta R.T. -0.005 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

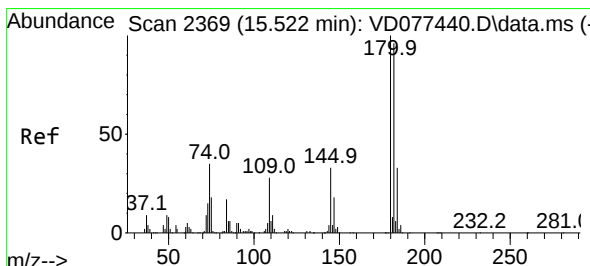
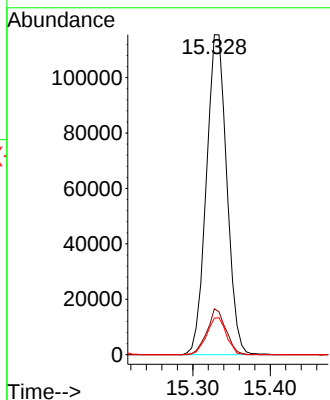
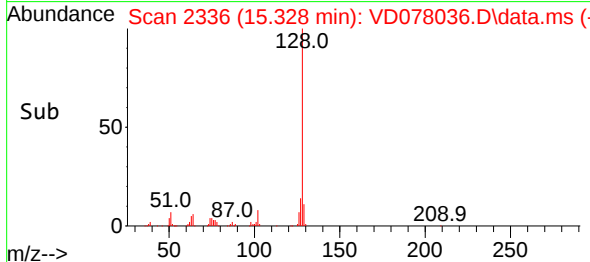
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-13-14MSD



Tgt Ion:128 Resp: 21194
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.718 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078036.D
Acq: 21 Dec 2023 19:49

Tgt Ion:180 Resp: 99657
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 30.3 15.1 45.3

